

# LOS ANGELES CITY COLLEGE

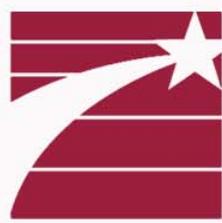


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 **LACC**  
LOS ANGELES CITY COLLEGE

*... an urban oasis of learning*



# ADMINISTRATION OF JUSTICE & CORRECTIONS

**Chair: Tim Sweetman**

**(323) 953-4000 ext. 2753 • HH12**

[www.lacitycollege.edu/academic/departments/law/index.html](http://www.lacitycollege.edu/academic/departments/law/index.html)

## PROGRAMS OFFERED

**Associate of Arts:  
Administration of Justice**

### Certificates:

**Administration of Justice  
Administration of Justice - Specializing in  
Forensics**

### Skill Certificates:

**Correctional Institution Officer Training  
Evidence Technician/Forensics  
Fingerprint Classification  
Firearms Training Skills  
Private Investigations**

## DEGREE PROGRAM

### ADMINISTRATION OF JUSTICE

#### Associate in Arts Degree

#### Career or Transfer Program

The Administration of Justice curriculum is offered by the Law Department to students who are interested in a career as a law enforcement officer or in a related field.

To complete Graduation Requirements "Plan B" for the Associate degree, 36 units of the courses listed below must be completed. Students must take the core units in Administration of Justice and may choose a specialization area such as: Correction Institutional Officer Training, Evidence Technician/Forensics or Private Investigation.

\*\*Students planning to transfer should take the core units listed below plus 3 units from the list of electives. Consult with a College counselor for specific general education requirements and/or Graduation Requirements under "Plan A" for the Associate degree

Students who have successfully completed academic training with local or state law enforcement agencies may receive Los Angeles City College credit for their Academy courses. These college credits may be applied toward a certificate in Administration of Justice or toward an Associate in Arts degree. These courses also transfer to CSULA as lower division requirements in the Criminal Justice major.

| COURSES                             | UNITS |
|-------------------------------------|-------|
| Administration of Justice 1 .....   | 3     |
| Administration of Justice 2 .....   | 3     |
| Administration of Justice 3 .....   | 3     |
| Administration of Justice 5 .....   | 3     |
| Administration of Justice 180 ..... | 3     |
| Sub Total .....                     | 15    |

**PLUS 15 units from ONE of the following specialty certificates below:**

#### Correctional Institution Officer Training Skills Certificate

|                                    |   |
|------------------------------------|---|
| Corrections 1 .....                | 3 |
| Corrections 2 .....                | 3 |
| Corrections 5 .....                | 3 |
| Administration of Justice 14 ..... | 3 |
| Administration of Justice 16 ..... | 3 |
| (Plus six (6) units of electives)  |   |

- OR -

#### Evidence Technician/Forensics Skills Certificate

|                                       |   |
|---------------------------------------|---|
| Administration of Justice 5 .....     | 3 |
| Administration of Justice 180 .....   | 3 |
| Administration of Justice 379 .....   | 3 |
| Administration of Justice 380 .....   | 3 |
| Administration of Justice 396 .....   | 3 |
| (Plus twelve (12) units of electives) |   |

-- OR -

#### Private Investigations Skills Certificate

|                                       |   |
|---------------------------------------|---|
| Administration of Justice 5 .....     | 3 |
| Administration of Justice 14 .....    | 3 |
| Administration of Justice 180 .....   | 3 |
| Administration of Justice 396 .....   | 3 |
| Administration of Justice 413 .....   | 3 |
| (Plus twelve (12) units of electives) |   |

#### List of Elective Units

|                                     |   |
|-------------------------------------|---|
| Administration of Justice 4 .....   | 3 |
| Administration of Justice 6 .....   | 3 |
| Administration of Justice 8 .....   | 3 |
| Administration of Justice 14 .....  | 3 |
| Administration of Justice 16 .....  | 3 |
| Administration of Justice 39 .....  | 3 |
| Administration of Justice 60 .....  | 3 |
| Administration of Justice 62 .....  | 3 |
| Administration of Justice 379 ..... | 3 |
| Administration of Justice 380 ..... | 3 |
| Administration of Justice 381 ..... | 3 |
| Administration of Justice 382 ..... | 3 |
| Administration of Justice 390 ..... | 3 |
| Administration of Justice 391 ..... | 3 |
| Administration of Justice 396 ..... | 3 |
| Administration of Justice 397 ..... | 3 |
| Administration of Justice 413 ..... | 3 |

Students may select "PLAN A" or "Plan B" general education requirements to graduate.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult

with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

## CERTIFICATE PROGRAMS

### ADMINISTRATION OF JUSTICE

#### Certificate

The Certificate in Administration of Justice is designed to help prepare students to meet the employment requirements of law enforcement agencies or related fields including private investigations. To qualify for a certificate, a student must complete the 15 core units described above plus 21 units from the listed electives equaling 36 units with a satisfactory grade of "C" or better in each course. The certificate will be issued by the Law Department upon application of the student with the department.

| COURSES                              | UNITS |
|--------------------------------------|-------|
| Administration of Justice 1 (CORE)   | 3     |
| Administration of Justice 2 (CORE)   | 3     |
| Administration of Justice 3 (CORE)   | 3     |
| Administration of Justice 4          | 3     |
| Administration of Justice 5 (CORE)   | 3     |
| Administration of Justice 8          | 3     |
| Administration of Justice 14         | 3     |
| Administration of Justice 16         | 3     |
| Administration of Justice 60         | 3     |
| Administration of Justice 62         | 3     |
| Administration of Justice 67         | 3     |
| Administration of Justice 180 (CORE) | 3     |
| Administration of Justice 379        | 3     |
| Administration of Justice 380        | 3     |
| Administration of Justice 381        | 3     |
| Administration of Justice 382        | 1     |
| Administration of Justice 390        | 3     |
| Administration of Justice 391        | 3     |
| Administration of Justice 396        | 3     |
| Administration of Justice 397        | 3     |
| Administration of Justice 413        | 3     |

### ADMINISTRATION OF JUSTICE - SPECIALIZING IN FORENSICS

#### Certificate

The Administration of Justice curriculum offers a specialty in forensics for students who are interested in a career in law enforcement, as an officer, criminalist, or as a civilian employee with duties as an evidence technician,

fingerprint specialist, property custodian, or police assistant who investigates traffic accidents and writes reports. This program in Forensics is designed to help prepare students to meet the employment requirements of law enforcement agencies or private firms. It is also intended to provide students interested in the criminalist field (crime lab) with "hands-on" training by criminalists as well as direct contact with these professionals as a counseling tool.

To qualify for a certificate, a student must complete 39 units from the Forensic Option, within the Administration of Justice program, with a satisfactory grade or better in each course. The certificate will be issued by the Law Department upon application by the student with the department.

| COURSES                             | UNITS     |
|-------------------------------------|-----------|
| Administration of Justice 1         | 3         |
| Administration of Justice 3         | 3         |
| Administration of Justice 5         | 3         |
| Administration of Justice 14        | 3         |
| Administration of Justice 16        | 3         |
| Administration of Justice 180       | 3         |
| Administration of Justice 379       | 3         |
| Administration of Justice 380       | 3         |
| Administration of Justice 390 or 62 | 3         |
| Administration of Justice 391       | 3         |
| Administration of Justice 396       | 3         |
| Administration of Justice 397       | 3         |
| Photography 10                      | 3         |
| <b>Total Units</b>                  | <b>39</b> |

### CORRECTIONAL INSTITUTION OFFICER TRAINING

#### Skill Certificate

This certificate is designed for students interested in employment in corrections- City Jailers, County Custody Assistants, State Prison Correctional Officers, Probation Officers and Parole Officers. Specialized training in the different correctional institutions, inmate rights, and inmate supervision will provide students with the knowledge that will enhance employment opportunities and career goals.

| COURSES                      | UNITS     |
|------------------------------|-----------|
| Corrections 1                | 3         |
| Corrections 2                | 3         |
| Corrections 5                | 3         |
| Administration of Justice 14 | 3         |
| Administration of Justice 16 | 3         |
| <b>Total Units</b>           | <b>15</b> |

### EVIDENCE TECHNICIAN/FORENSIC

#### Skill Certificate

The Forensics curriculum provides training for students interested in a career as an Evidence Technician or related fields. Students completing the Skill Certificate program will be qualified to assume a variety of employment opportunities in crime scene investigations with Federal, State, and Local Law Enforcement Agencies.

| COURSES                             | UNITS     |
|-------------------------------------|-----------|
| Administration of Justice 5 .....   | 3         |
| Administration of Justice 180 ..... | 3         |
| Administration of Justice 379 ..... | 3         |
| Administration of Justice 380 ..... | 3         |
| Administration of Justice 396 ..... | 3         |
| <b>Total Units</b> .....            | <b>15</b> |

## PRIVATE INVESTIGATIONS

### Skill Certificate

This certificate is designed to give those students interested in private investigations the necessary skills to perform the needed work for private investigation firms, insurance companies, state agencies, business and others. Traffic accident investigations and identity crime investigations such as: driver license, credit card, and Social Security are examples of topics that will be covered in this program.

| COURSES                             | UNITS     |
|-------------------------------------|-----------|
| Administration of Justice 5 .....   | 3         |
| Administration of Justice 14 .....  | 3         |
| Administration of Justice 180 ..... | 3         |
| Administration of Justice 396 ..... | 3         |
| Administration of Justice 413 ..... | 3         |
| <b>Total Units</b> .....            | <b>15</b> |

## COURSE DESCRIPTIONS

Also see Law

### ADMINISTRATION OF JUSTICE 1

#### Introduction to Administration of Justice 3 UNITS - (UC:CSU)

Philosophy and history of law enforcement, overview of crime criminal justice problems, including community relations: Organization and jurisdiction of local, state, and federal law enforcement agencies, survey of professional career opportunities; and qualifications required for entry into a career in Administration of Justice.

### ADMINISTRATION OF JUSTICE 2

#### Concepts of Criminal Law 3 UNITS - (UC:CSU)

An introduction to the basic principles of the development of the law and legal systems. This includes the evolution of the English common law, with special emphasis on the most frequently used sections of the California Penal Code by police officers. Topics covered will include the substantive law; classifications of crimes; legal research; and legal controls on social conduct.

### ADMINISTRATION OF JUSTICE 3

#### Legal Aspects of Evidence 3 UNITS - (CSU)

Origin, development, philosophy and constitutional basis of evidence; Constitutional considerations of the rules governing the admissibility of evidence in court; and the kinds and degrees of evidence and the judicial decisions interpreting individual rights in a criminal trial.

### ADMINISTRATION OF JUSTICE 4

#### Principles and Procedures of the Justice System 3 UNITS - (CSU)

Legal processes from pre-arrest through trial, sentencing and correctional procedures; a review of criminal law and legal concepts governing police behavior; conceptual interpretations of constitutional principles of the 4th, 5th, 6th, 7th, 8th, and 14th Amendments to the Constitution and their application to law enforcement officers.

UC limit: One course from Administration of Justice 1, 4.

### ADMINISTRATION OF JUSTICE 5

#### Criminal Investigation 3 UNITS - (CSU)

Fundamentals of investigation, crime scene search and recording, collection and preservation of physical evidence, scientific aids, modus operandi, sources of information, interviews and interrogation, follow-up, and case preparation.

### ADMINISTRATION OF JUSTICE 6

#### Patrol Procedures 3 UNITS - (CSU)

The history and development of patrol philosophy; planning for field activities to include functions of patrol traffic, and other preliminary investigative duties of the field officers and the handling of civil and domestic disturbances and other community crime incident.

### ADMINISTRATION OF JUSTICE 8

#### Juvenile Procedures 3 UNITS - (CSU)

An introduction to major types of criminal behavior, characteristics of offenders factors which contribute to crime and delinquency; the criminal process: The function of law enforcement: the youthful; the courts, probation, and other institutions; changes in juvenile crime control and treatment process, the role of society.

### ADMINISTRATION OF JUSTICE 14

#### Report Writing for Law Enforcement 3 UNITS - (CSU)

This course concentrates on the study of written reports used by law enforcement agencies. Practice in organizing and presenting factual material with clarity, definiteness and conciseness is emphasized.

### ADMINISTRATION OF JUSTICE 16

#### Recruitment Selection Process 3 UNITS - (CSU)

This course provides an in-depth coverage of the selection process for employment in a law enforcement agency. Special emphasis is given to the written exam, oral interview, agility exam, background investigation and academy training. The civil service procedure is reviewed and explained.

### ADMINISTRATION OF JUSTICE 39

#### Probation and Parole 3 UNITS - (CSU)

This course will concentrate on the background, structures and procedures of Probation and Parole including the juvenile and criminal court process. The relationship to law enforcement and corrections will be investigated.

**ADMINISTRATION OF JUSTICE 60****Arrest, Search and Seizure****3 UNITS - (CSU)**

A comprehensive study of the laws of search and seizure, with special emphasis on procedural law as applied by police officers. The U.S. and California Supreme Courts procedures and role will be reviewed with an emphasis on the legal, constitutional and political aspects for law enforcement officers.

**ADMINISTRATION OF JUSTICE 67****Community Relations I****3 UNITS - (UC:CSU)**

This course treats current aspects and problems of police community relations. Topics covered are the police image, crisis areas, organization for police-community relations activities, groups and law enforcement, the press, training in police-community relations programming, role of the individual officer, police-community relations of the future.

**ADMINISTRATION OF JUSTICE 180****Criminalistics****3 UNITS - (CSU)**

This course concentrates on the detection, inspection and interpretation of crime scene evidence. Forensic videos highlight the techniques used for accurate interpretation as well as give an insight into crime lab procedures. "Hands-on" application is a vital part of this class.

**ADMINISTRATION OF JUSTICE 379****Advanced Criminalistics-Forensics I****3 UNITS - (A)**

This course will concentrate on three areas of Forensics: Serology, Trace Evidence and Crime Scene Photography using a "hands-on" approach. Students will learn to identify and collect evidence, and learn the techniques used by crime lab criminalists to analyze evidence.

**ADMINISTRATION OF JUSTICE 380****Advanced Criminalistics – Forensics II****3 UNITS - (A)**

This course will concentrate on three areas of Forensics: Narcotics, Fingerprints, and Blood Spatter Analysis using a "Hands-on" approach. Students will learn to identify and collect evidence and learn the techniques used by crime lab criminalists.

**ADMINISTRATION OF JUSTICE 381****Law Enforcement Internship****3 UNITS - (A)**

This course will enable students to gain first hand knowledge of their chosen career within the criminal justice systems, obtain letters of reference and learn special employment/ educational opportunities.

**ADMINISTRATION OF JUSTICE 382****Introduction to the Firearms Training System****3 UNITS - (A)**

This five week course uses a computer simulator to test student's abilities and reaction in shooting scenarios. Students will be placed in "real life" type situations and must determine to "shoot or don't shoot."

**ADMINISTRATION OF JUSTICE 390****Forensic Autopsy****3 UNITS - (A)**

This course will discuss how forensic autopsy information is used in law enforcement investigations. It will include the Medical Examiner's role and will engage the students in "real life" case studies.

**ADMINISTRATION OF JUSTICE 391****Firearms Evidence Analysis****3 UNITS - (A)**

A forensic course dealing with firearms and cartridge identification. This class offers a "Hands-on" approach through the use of experiments and microscopic comparisons.

**ADMINISTRATION OF JUSTICE 396****Traffic Collision Investigation****3 UNITS - (A)**

This class will concentrate on investigating traffic collisions by identifying and interpreting forensic evidence as well as diagramming and measuring scenes. Special emphasis will be placed on understanding vehicle and pedestrian dynamics (behavior) associated after a collision.

**ADMINISTRATION OF JUSTICE 397****Forensic Case Files****3 UNITS - (A)**

Students will be provided with a series of realistic forensic case studies. They will need to synthesize and apply all prior forensic course work in order to successfully solve the cases.

**ADMINISTRATION OF JUSTICE 413****Financial Crimes Investigations****3 UNITS - (A)**

This course will concentrate on the criminal and civil investigation techniques in dealing with the highly technical field of financial crimes. Topics include: forgery, credit card fraud, financial scams, fake identification fraud, computer fraud, Internet crimes and identification fraud (Social Security number). A must for students interested in law enforcement, private investigations and state investigation agencies.

**ADMIN OF JUST 185 Directed Study — 1 UNIT (CSU)****ADMIN OF JUST 285 Directed Study — 2 UNITS (CSU)****ADMIN OF JUST 385 Directed Study — 3 UNITS (CSU)**

Prerequisite: Concurrent enrollment or completion of Administration of Justice Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.

**CORRECTIONS 1****Introduction to Corrections****3 UNITS – (CSU)**

Basic course dealing with the nature of correctional work; aims and objectives of correctional administration; probation and practices; skills, knowledge and attitudes required for employment in this field; types of institutions and services; career opportunities.

**CORRECTIONS 2****Corrections Institutions****3 UNITS – (CSU)**

A study of the organization and programming used in juvenile and correctional institutions including their history and development.

**CORRECTIONS 5****Legal Aspects of Corrections****3 UNITS – (A)**

This course concentrates on the legal aspects of corrections in regards to prisoner rights. It references Title 5 requirements involving the prisoners' rights to legal services, medical care, confinement, disciplinary hearings, and visitation rights.



# AMERICAN CULTURES

**Chair: Mattie Moon**  
**(323) 953-4000 ext. 2955 • FH102C**

[www.lacitycollege.edu/academic/departments/amcul/index.html](http://www.lacitycollege.edu/academic/departments/amcul/index.html)

## PROGRAMS OFFERED

**Associate of Arts:  
Chicano Studies**

**Other Courses:**  
 African-American Studies  
 Asian-American Studies

## DEGREE PROGRAM

### CHICANO STUDIES

#### Associate in Arts Degree Transfer/Career Program

This Associate in Arts degree is designed to provide an opportunity for the student to complete an undergraduate major in Chicano Studies.

| COURSES                                                            | UNITS     |
|--------------------------------------------------------------------|-----------|
| <b>First Semester</b>                                              |           |
| Chicano Studies 7 .....                                            | 3         |
| Chicano Studies 44 .....                                           | 3         |
| Psychology 1* .....                                                | 3         |
| Spanish Language Course .....                                      | 5         |
| <b>Second Semester</b>                                             |           |
| Chicano Studies 8 .....                                            | 3         |
| Spanish Language Course .....                                      | 5         |
| <b>Third Semester</b>                                              |           |
| Chicano Studies 52 .....                                           | 3         |
| Spanish Language Course .....                                      | 5         |
| <b>Fourth Semester</b>                                             |           |
| General Education requirements                                     |           |
| <b>Total Units</b> .....                                           | <b>35</b> |
| Suggested Electives: Economics 1; Political Science 1; Sociology 1 |           |
| *Satisfies Social Science requirement.                             |           |

Students may select "PLAN A" or "Plan B" general education requirements to graduate.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency  
(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

## COURSE DESCRIPTIONS

**NOTE:** Not every class is offered each semester. Refer to the current class schedule for current class offerings.

**PREREQUISITES:** Specified prerequisites must be completed with a satisfactory grade or equivalent.

Also see English, History, Psychology, Political Science, Spanish

### AFRICAN-AMERICAN STUDIES 2 The African-American in Contemporary Urban Society 3 UNITS - (UC:CSU)

Credit allowed for only one of Social Science 12 and African-American Studies 2.

This survey course is designed to examine the urbanization of Black Americans with an emphasis on contemporary problems. During the process of this experience the student will identify areas of concern, define the impact that these problems have had upon Black Americans, and articulate proposed solutions to assist black Americans in coping with the reality that they are Black in an America dominated by Whites.

### AFRICAN-AMERICAN STUDIES 4 The African-American in the History of the United States I 3 UNITS - (UC:CSU)

Meets the Associate in Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government. A survey of U.S. history from the early Colonial Era through the Civil War with special emphasis on the contribution of the African-American. This course provides a background in the political and social development of the United States for students majoring in the Social Sciences.

Transfer Limit UC. Maximum credit one course from African-American Studies 4, Chicano Studies 7, and History 11.

## **AFRICAN-AMERICAN STUDIES 5**

### **The African-American in the History of the United States II 3 UNITS - (UC:CSU)**

Meets the Associate in Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government.

A survey of U.S. History from the end of the Civil War to the present, with special emphasis on the African-American in the social, economic, and political development of American Civilization. Included is a survey of the United States Constitution.

Transfer Limit UC. Maximum credit one course from African Am Studies 5, Chicano Studies 8, and History 12 or 13.

## **AFRICAN-AMERICAN STUDIES 7**

### **African-Americans and the Political System 3 UNITS - (UC:CSU)**

This course surveys the relationship of minority groups to American politics with emphasis on the African-American in the political system. This course gives an in depth study of the distribution of political power.

## **AFRICAN-AMERICAN STUDIES 20**

### **African-American Literature I 3 UNITS - (UC:CSU)**

This is a survey of literature by African-American writers. It is designed to cover all types of literature (slave narratives, poetry, novels, etc.) to encourage students to develop a positive attitude towards reading and an understanding of the progression of culture in America as interpreted by African-American writers.

## **AFRICAN-AMERICAN STUDIES 21**

### **African-American Literature II 3 UNITS - (UC:CSU)**

This course will examine the short story, essay, drama and literary criticism, by African-American authors, as art forms through structure, use of language and dramatization.

## **AFRICAN-AMERICAN STUDIES 60**

### **African-American Music 3 UNITS - (UC:CSU)**

A study of African-American Music and their influences on folk spirituals, gospels, concert music, opera, ballet, blues and jazz underscoring styles, characteristics, origin and contributions by African-American Artists. Credit allowed Credit allowed for only one of African America 60 and Music 135. General survey of African-American music, from the slave song to present day jazz, including a comprehensive investigation of the minstrel, post minstrel, spiritual, gospel song, blues, and a comprehensive investigation of the protest and irony in the Black folk song.

## **ASIAN AMERICAN STUDIES 1**

### **The Asian in America 3 UNITS – (UC:CSU)**

Survey of the Asian American in American society, including the Asian cultural heritage and the social, political, economic, and cultural development of the Asian American communities in the American setting from an Asian American perspective.

## **ASIAN AMERICAN STUDIES 6**

### **Introduction to Asian Music 3 UNITS – (UC:CSU)**

(Same as Music 133)

Course consists of a survey of Music of Asian countries and cultures from the earliest period to the present and its influence on Western Culture. Audio and visual materials and demonstrations of musical instruments will be presented. Credit allowed for only one of Asian-American studies 6 and Music 133.

## **CHICANO STUDIES 7**

### **The Mexican American in the History of the United States I 3 UNITS - (UC:CSU)**

Meets the Associate in Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government.

Credit allowed for only one of Mexican American Studies 7 or African-American Studies 4 or History 11.

A survey of U.S. History from the early Pre-Colonial Era through the Civil War with special emphasis on the contribution of the Mexican American. Included is a survey of the United States Constitution. UC limit: One course from Chicano Studies 7, African-American Studies 4, History 11.

## **CHICANO STUDIES 8**

### **The Mexican American in the History of the United States II 3 UNITS - (UC:CSU)**

Meets the Associate in Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government.

Credit allowed for only one of Mexican American Studies 8 or African-American Studies 5 or History 12 or 13.

A survey of the U.S. History from the end of the Civil War to the present time, with special emphasis on the Mexican American in the social, economic and political development of American civilization.

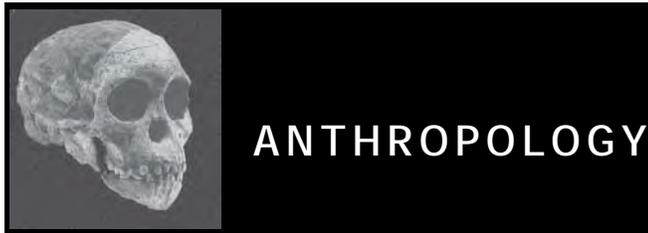
UC limit: One course from Chicano Studies 8, African-American Studies 5, History 12, 13.

## **CHICANO STUDIES 52**

### **Mexican Art - Modern 3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

A survey of the pictorial arts of Mexico prior to and during the 20th Century. Studies the broad range of the arts including the evolution of a Mexican-American art and iconography.



## ANTHROPOLOGY

Chair: Mattie Moon  
(323) 953-4000 ext. 2955 • FH102C

[www.lacitycollege.edu/academic/departments/earthsci/index.html](http://www.lacitycollege.edu/academic/departments/earthsci/index.html)

### PROGRAMS OFFERED

Courses Only - No Degree/Certificate  
Anthropology

### COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

**ANTHROPOLOGY 101**  
**Human Biological Evolution**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Current evolutionary theory is applied to human populations. Processes of race formation and the evolution of humans in the framework of population genetics, and in relation to evolution of ecosystems. Included are primate evolution, taxonomy, comparative morphology and biochemistry, human phylogenesis, and the human fossil record.

**ANTHROPOLOGY 102**  
**Human Ways of Life: Cultural Anthropology**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

The nature, growth and history of culture: human social behavior as revealed by archaeological investigation and the study of contemporary peoples: the range of human cultural and social behavior: a brief outline of culture history.



## ARCHITECTURE

Chair: Gayle Partlow  
(323) 953-4000 ext. 2510 • DH220

[www.lacitycollege.edu/academic/departments/technology/architecture/webmain.htm](http://www.lacitycollege.edu/academic/departments/technology/architecture/webmain.htm)

### PROGRAMS OFFERED

Courses Only - No Degree/Certificate

### COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

**ARCHITECTURE 110 (formerly Architecture 1)**  
**Introduction to Architecture**  
**1 UNIT - (UC:CSU)**

An introductory course on architecture for all architectural and non-architectural students. The course will examine examples of great Architecture, study basic architectural theories, and explore the academic as well as the professional practice of Architecture. Emphasis will be placed on developing awareness, critical thinking and observation of the built environment.

**ARCHITECTURE 111 (formerly Architecture 20)**  
**Methods of Construction**  
**2 UNITS - (CSU)**

This course examines the process by which buildings are constructed. It covers the process of construction drawings, agency approval, building permits, as well as the actual construction and the complicated sequencing and coordination that are necessary to complete a building. Good for students who are interested in the field of architecture, interior design, or construction.

**ARCHITECTURE 121 (formerly Architecture 10)**  
**Freehand Drawing**  
**2 UNITS - (RPT1) (UC:CSU)**

Develop fundamental architectural drafting and drawing techniques. Perspective drawings will be introduced. Coloring and rendering conventions will be practiced. Special emphasis shall be placed on freehand drawing techniques.

**ARCHITECTURE 130 (formerly Architecture 2)**  
**History of Architecture I**  
**2 UNITS - (UC:CSU)**

This course covers the Renaissance to the present geological, climatic, religious, social, and historical forces that help shape each period.

**ARCHITECTURE 131 (formerly Architecture 3)****History of Architecture II****2 UNITS - (UC:CSU)**

The development of architecture from the Renaissance to the present and the geographical, geological, climatic, religious, social, and historical forces that helped shape each period.

**ARCHITECTURE 151 (formerly Architecture 21)****Materials of Construction****3 UNITS - (CSU)**

Lecture and laboratory 3 hours.

Examine the characteristics of building materials and its application in building construction within the overall framework of architectural design. The fundamental building materials of wood, concrete and steel shall be explored in depth. Their physical properties, historical context, and application within an architectural design shall be studied.

**ARCHITECTURE 161 (formerly Architecture 36)****Introduction to Computer Aided Design and Drafting****2 UNITS - (A)**

Lecture and laboratory 4 hours.

This course provides an overview of the use of computers in producing design and construction drawings for the design, engineering and construction fields.

**ARCHITECTURE 162 (formerly Architecture 37)****Computer Aided Design and Drafting****3 UNITS - (A)**

Lecture and laboratory 6 hours.

Introduction to the AutoCAD computer drafting program and its application in the fields of architecture, interior design and construction. Emphasis will be placed on 2-D drawing techniques, 3-D drawing techniques and modeling will be introduced.

**ARCHITECTURE 172 (formerly Architecture 5)****Architectural Drawing I****3 UNITS - (CSU)**

Lecture and laboratory 6 hours.

This course introduces basic construction drawing methodologies. It contrasts the difference between design drawings and construction drawings and the type of information shown on each. Students will design and prepare a set of construction drawings for a simple gazebo and a small residential remodel. Basic design issues will also be addressed.

**ARCHITECTURE 173 (formerly Architecture 6)****Architectural Drawing II****3 UNITS - (UC:CSU)**

Prerequisite: Architecture 172 with a satisfactory grade.

Lecture and laboratory 6 hours.

This course examines more advanced construction drawing methodologies, including introduction to detailing and building technologies. CAD may be used to prepare documents. Students shall design and prepare a set of construction drawings of a more complex and larger residence. Building details and materials within the context of the architectural design will be further examined. Students will become familiar with typical building terminologies. Specifications will be introduced. Basic design issues will be addressed.

**ARCHITECTURE 201 (formerly Architecture 33)****Architectural Design I****3 UNITS- (UC:CSU)**

Prerequisite: Environmental Design 102 with a satisfactory grade.

Lecture and laboratory 6 hours.

This course addresses broader architectural and urban issues. Students will develop highly complex projects with large-scale programmatic requirements. In addition to the continued exploration of advanced architectural theories, building technology within the context of design will be examined. Drawing and model making with a variety of materials will be refined. Computer 3-D modeling and rendering will be incorporated into the design process. The final work will be assembled into a student portfolio.

**ARCHITECTURE 202 (formerly Architecture 34)****Architectural Design II****3 UNITS - (UC:CSU)**

Prerequisite: Environmental Design 201 with a satisfactory grade.

Lecture and laboratory 6 hours.

This course continues to address broader architectural and urban issues as well as sustainability design. Students will develop highly complex projects with large-scale programmatic requirements. Building technology will be explored in depth. Students will utilize and become proficient with a variety of computer drawing, sketching, modeling and rendering programs to develop their designs. Both verbal and graphic presentations will be refined. The final work will be assembled into a student portfolio.

**ARCHITECTURE 221 (formerly Architecture 12)****Architectural Rendering****2 UNITS - (CSU)**

Lecture and laboratory 4 hours.

An introduction to architectural rendering as a communication tool to convey design concepts and ideas. Both two and three-dimensional drawing conventions shall be used. Various media and techniques will be explored.

**ARCHITECTURE 222 (formerly Architecture 4)****Architectural Graphics****3 UNITS - (UC:CSU)**

Lecture and laboratory 6 hours.

Architectural drafting and drawing conventions, cover standard techniques to draw plans, elevations, sections axonometrics, and perspectives as well as non-traditional techniques. A variety of media shall be explored. The course also covers some basic conceptual training and visualization.

**ARCHITECTURE 223****Portfolio Development****1 UNIT - (CSU)**

Lecture and laboratory 2 hours.

To examine the principles of portfolio design. To research and analyze professionally designed brochures and portfolios to determine their characteristics and effectiveness. To assist students in planning out and assembling their work into quality portfolios.

**ARCHITECTURE 271 (formerly Architecture 7)****Architectural Drawing III****3 UNITS - (CSU)**

Prerequisite: Architecture 173 a satisfactory grade.

Lecture and laboratory 6 hours.

The design and construction of masonry-type buildings are studied together with a further development of wood framing. Analysis is made of long span techniques and construction. Environmental control, sustainability and specification writing are introduced.

**ARCHITECTURE 272 (formerly Architecture 8)**

**Architectural Drawing IV**

**3 UNITS - (CSU)**

Prerequisite: Architecture 173 with a satisfactory grade.

Lecture and laboratory 6 hours.

This course examines more advanced masonry, concrete and steel building types and advanced computer drawing techniques. Building technologies and sustainability will be investigated in depth. Students will design and prepare a set of construction drawings for a large masonry, concrete and steel building type. Building details will be examined. More advanced design issues will be investigated and applied to student projects. Students will prepare more complex specifications and general conditions. Professional practice issues and contracts will be explored in more depth.

**ENVIRONMENTAL DESIGN 101**

**Foundations of Design I**

**3 UNITS - (CSU)**

Lecture and laboratory 6 hours.

This course introduces fundamental design principles and design methodologies that are essential for students planning to enter a design field such as architecture, interior design, and industrial design. It is also recommended for all students wishing to expand their mental and creative horizon. The focus will be on the perception, analysis and expression of form, space and composition, as well as aesthetics of design. Through a series of design exercises, students will learn to create ideas, analyze these ideas, and then develop them into an object or structure through sketching, drawing, and model making. The final work will be assembled into a student portfolio.

**ENVIRONMENTAL DESIGN 102**

**Foundations of Design II**

**3 UNITS - (CSU)**

Prerequisite: Environmental Design 101 with a satisfactory grade.

Lecture and laboratory 6 hours.

This course explores more advanced architectural theories and investigates noted and important Architects and their work and design philosophies. Students will engage in more complex design problems and issues. Design methodology and critical thinking will be studied and practiced. Drawing and model making skills will be further developed in preparation for a career in the architecture and design fields. The final work will be assembled into a student portfolio.



**Chair: Gayle Partlow**  
**(323) 953-4000 ext. 2510 • DH220**

**PROGRAMS OFFERED**

**Associate of Arts:**

**Art - General**

**Art - Graphic Design**

**DEGREE PROGRAMS**

The Art Department offers two Associate in Arts Degrees: Art/General and Art/Graphic Design. Note that Art/General - Plan A is for students planning to transfer to a four-year college, university or art school. Plan B for Art/General or Art/Graphic Design is for students wanting an AA degree Career Program.

**ART/GENERAL**

**Associate of Arts Degree**

***Transfer Program***

**Art Core for Transfer Program**

60 units minimum with at least 18 units in the following core program

| <u>COURSES</u>                | <u>UNITS</u> |
|-------------------------------|--------------|
| Art 101 and 102 .....         | 6            |
| Art 201 .....                 | 3            |
| Art 202 or 204 .....          | 3            |
| Art 501 .....                 | 3            |
| Art 502 .....                 | 3            |
| <b>Total Core Units .....</b> | <b>18</b>    |

The above core consists of the minimum of art courses to be taken for transfer. Please see a counselor for specific university major preparation. As many institutions require a portfolio, students should plan to develop a portfolio with instructor guidance. Courses may be substituted under special circumstances with departmental approval.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities

9 Units Social/Behavioral Sciences (including American History & Governments)  
 3-4 Units Health/Physical Education  
 3-5 Units Math Competency  
 (Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**ART/GENERAL**  
**Associate of Arts Degree**  
**Career Program**

The following is a suggested plan for completing the courses for Plan B Associate in Arts Degree in two years. Please note that the requirements for Plan A are not necessarily required for Plan B. As career opportunities are limited for art students with only an Associate in Arts degree, the Art Department strongly advises continuing training at a four-year college, university, or art school. Students are expected to develop a portfolio with instructor guidance.

| COURSES                   | UNITS     |
|---------------------------|-----------|
| <b>First Semester</b>     |           |
| Art 201 .....             | 3         |
| Art 501 .....             | 3         |
| Art 101 or 102 .....      | 3         |
| <b>Second Semester</b>    |           |
| Art 202 or 204 .....      | 3         |
| Art 300, 304 or 307 ..... | 3         |
| Art 101 or 102 .....      | 3         |
| <b>Third Semester</b>     |           |
| Art 111 .....             | 3         |
| Art 502 .....             | 3         |
| Art 700 or 708 .....      | 3         |
| <b>Fourth Semester</b>    |           |
| Art 633 .....             | 3         |
| Art 300, 304 or 307 ..... | 3         |
| Art 700 or 708 .....      | 3         |
| <b>Total Units</b> .....  | <b>36</b> |

Suggested electives: Art 105, 107, 109, 209, 400, 620, 634, Photography 10

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**ART/GRAPHIC**  
**Associate of Arts Degree**  
**Career Program**

This program provides the foundation for careers in computer graphics, advertising design, commercial illustration and desktop publishing. The creative and practical aspects of visual communication are equally stressed, with an emphasis on contemporary trends. Digital work is grounded in fundamental art skills and methods. Students enrolled in the program will utilize the Art Department's Macintosh computer labs. Students can expect to develop a sound, entry-level portfolio.

| COURSES                   | UNITS     |
|---------------------------|-----------|
| <b>First Semester</b>     |           |
| Art 101, 102 or 111 ..... | 3         |
| Art 201 .....             | 3         |
| Art 501 .....             | 3         |
| <b>Second Semester</b>    |           |
| Art 604 .....             | 3         |
| Art 620 .....             | 3         |
| Art 633 .....             | 3         |
| <b>Third Semester</b>     |           |
| Art 204 or 209 .....      | 3         |
| Art 605 .....             | 3         |
| Art 639 .....             | 3         |
| <b>Fourth Semester</b>    |           |
| Art 204 or 209 .....      | 3         |
| Art 606 .....             | 3         |
| Art 634 .....             | 3         |
| <b>Total Units</b> .....  | <b>36</b> |

Suggested Electives: Art 101, 102, 111, 202, 304, 400, 502, 503; Photography 10; Cinema 1; Marketing 1

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Transfer limits: UC maximum limit: refer to [www.assist.org](http://www.assist.org)

Prerequisites. Each course prerequisite in the Art department requires a satisfactory grade or better.

### **ART 101** **Survey of Art History I** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

The development of art from the pre-historic period to the time of the Renaissance emphasizing the cultural context of the West, and its major points of contact with the non European world.

### **ART 102** **Survey of Art History II** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

The development of art from the Prehistoric Period to the time of the Renaissance to the early 20th century, emphasizing the cultural context of the West and its major points of artistic contact with the non-European world.

### **ART 103** **Art Appreciation** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

An introductory lecture course open to all students. This course is a broad exploration of art forms and media in traditional and contemporary art styles. Topics include art terminology and problems of definition, meaning, and evaluation in the visual arts.

### **ART 105** **History of Asian Art** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

A survey of the chronological development of the arts of India, China, Japan, and adjacent areas with emphasis upon cultural factors which contributed to their evolution.

### **ART 107** **Mexican Art — Modern** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

Credit allowed for only one of Art 107 or Chicano Studies 52.

A survey of the pictorial arts of Mexico prior to and during the 20th Century. Studies the broad range of the arts including the evolution of a Mexican-American art and iconography.

### **ART 109** **The Arts of Africa, Oceania and Ancient America** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

A survey of The Arts of Africa, Oceania and Ancient America in the context of history, religion and general culture.

### **ART 111** **History of Contemporary Art** **3 UNITS - (UC:CSU)**

Advisory: English 21 or equivalent.

Covers major trends in Art from 1900 to the present day. Studies the artists, critics, and historical contexts leading to the development of Modernism and Post Modernism.

### **ART 201** **Drawing I** **3 UNITS - (UC:CSU)**

Various drawing approaches are explored in several black and white media with emphasis upon the development of observation and skill in graphic representation.

### **ART 202** **Drawing II** **3 UNITS - (UC:CSU)**

Prerequisite: Art 201 and 501 with satisfactory grades.

A continuation of Drawing I with continued emphasis on technical, observational and analytical aspects of drawing with the addition of color media as well as mixed drawing media. Projects are designed to test conceptual skills.

### **ART 204** **Life Drawing I** **3 UNITS - (UC:CSU)**

Prerequisite: Art 201 with a satisfactory grade.

Co-requisite: Art 501.

Drawing from the live model in various media, solving problems related to structure, anatomy, composition and expressive design.

### **ART 205** **Life Drawing II** **3 UNITS - (UC:CSU)**

Prerequisite: Art 204 with a satisfactory grade.

This course is a continuation of drawing and painting from the live model in various media, solving more complex problems related to structure, anatomy, composition and design.

### **ART 206** **Life Drawing III** **3 UNITS - (UC:CSU)**

Prerequisite: Art 205 with a satisfactory grade.

A continuation of drawing and painting from the live model in various media, solving complex problems related to structure, anatomy, composition and expressive design; observing.

### **ART 207** **Life Drawing IV** **3 UNITS - (UC:CSU)**

Prerequisite: Art 206 with a satisfactory grade.

This course is a continuation of drawing from the live model in various media,

solving advanced complex problems and developing a more personal drawing style. Emphasis is on deepening and broadening the student's mastery of drawing and creating the human form.

**ART 209**  
**Perspective Drawing I**  
**3 UNITS - (UC:CSU)**

Learning to draw three-dimensional objects in space using measured vanishing point systems along with direct observation and freehand drawing. Explores methods of drawing cast shadows and mirror reflections in perspective.

**ART 300**  
**Introduction to Painting (Watercolor)**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 201 with a satisfactory grade.

Co-requisite: Art 501.

Introduction to the technique of watercolor painting applied to still life, landscape and the human figure. Transparent watercolors the medium.

**ART 301**  
**Watercolor Painting I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 300 with a satisfactory grade.

Continuation with watercolor techniques and concepts. A variety of techniques and surfaces are explored.

**ART 302**  
**Watercolor Painting II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 301 with a satisfactory grade.

Continuation of techniques and concepts. Exploration of various principles. See UC credit limits at the beginning of this section.

**ART 303**  
**Watercolor Painting III**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 302 with a satisfactory grade.

Greater emphasis on individual interpretation and conceptual use of the watercolor medium.

**ART 304**  
**Acrylic Painting I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 201 and 501 with a satisfactory grade.

An introduction to a variety of techniques employing acrylic paints and related grounds and tools. A variety of subject matter is used to introduce a series of stylistic approaches.

**ART 305**  
**Acrylic Painting II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 304 with a satisfactory grade.

Continuation of technical and media explorations with the development and creative use of painting and drawing aesthetic concepts.

**ART 306**  
**Acrylic Painting III**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 305 with a satisfactory grade.

The expanded exploration of aesthetic concepts and subject matter with emphasis on personal and independent interpretation. See UC credit limits at the beginning of this section.

**ART 307**  
**Oil Painting I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 201 and Art 501 with satisfactory grades or better.

Developing skill in handling the oil painting medium. Includes the study of still life, landscape, figure painting, and abstraction. See UC credit limits at the beginning of this section.

**ART 308**  
**Oil Painting II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 307 with a satisfactory grade.

The exploration of oil painting techniques is continued in a variety of perceptual problems.

**ART 309**  
**Oil Painting III**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 308 with a satisfactory grade.

Continued exploration of oil painting medium stressing growth and development of the individual's concepts.

**ART 400**  
**Introduction to Printmaking**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 201 and 501 with satisfactory grades or better.

A laboratory course introducing students to various forms of plate-making and printing. Emphasis is placed on visual ideas.

**ART 401**  
**Etching I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 400 with a satisfactory grade.

An intermediate course which concentrates on etching as a form of intaglio printing. Contemporary techniques including photo etching will be introduced.

**ART 402**  
**Etching II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 401 with a satisfactory grade.

Further development of skills and the proficient application of printmaking techniques.

**ART 407**  
**Relief Printmaking I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 402 with a satisfactory grade.

Explores relief and planographic processes. Work in relief etching, multiple plates, and monotypes with emphasis on color.

**ART 408**  
**Relief Printmaking II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 407 with a satisfactory grade.

Advanced printmaking stressing contemporary techniques. Printmaking as creative expression in today's art field.

**ART 500**  
**Introduction to Design**  
**3 UNITS - (UC:CSU)**

An introduction to art based on individual and group investigation of the students total environment. The student develops awareness of fundamental design concepts through a creative spirit of inquiry and the utilization of varied media.

**ART 501**  
**Beginning Two-Dimensional Design**  
**3 UNITS - (UC:CSU)**

A foundation studio course focused on creative visual thinking and expression. Establishes working methods and concepts of composition used in all other art classes. Basic art elements like line, shape, value and color are emphasized. Studies the role of graphic communication in society.

**ART 502**  
**Beginning Three-Dimensional Design**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 501 with a satisfactory grade.

Co-requisite: Art 201.

Three dimensional form with experimental problems in a variety of materials using various spatial constructions.

**ART 503**  
**Intermediate Design**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 201 and Art 501 with satisfactory grades or better.

Form, texture, and especially color applied to creative projects aimed at concept development. Design factors applied to new art media, including video.

**ART 604**  
**Graphic Design I**  
**3 UNITS - (CSU)**

Co-requisite: Art 501.

Introductory graphic design - the field, its terminology, tools and working methods. Emphasis is placed on basic layout skills and their application to creative visual communication, with a strong emphasis on typography.

**ART 605**  
**Graphic Design II**  
**3 UNITS - (CSU)**

Prerequisite: Art 604 with a satisfactory grade.

Co-requisite: Art 639.

Applied graphic design utilizing computer graphics and traditional rendering. Emphasis is placed on comprehensive layouts for advertising design and graphics.

**ART 606**  
**Graphic Design III**  
**3 UNITS - (CSU)**

Prerequisite: Art 605 with a satisfactory grade.

Graphic design workshop including computer graphics. Emphasis on corporate identity (logos, letterheads, promotional communications). Production to printing processes. Portfolio preparation and evaluation.

**ART 620**  
**Illustration 1**  
**3 UNITS - (CSU)**

Prerequisite: Art 201 with a satisfactory grade.

Co-requisite: Art 501.

Drawing rendering and composition skills are extended to problems in commercial illustration, pictorial art for publications and advertising. Variety of techniques and media.

**ART 626**  
**Art Production Methods I**  
**3 UNITS - (CSU)**

Advisory: Experience recommended.

Preparing artwork for printing. Fundamentals of camera-ready assembly including inking, paste-up, color separation, photomechanical process, and type and print specification.

**ART 633**  
**Introduction to Computer Graphics**  
**3 UNITS - (CSU)**

Prerequisite: Art 501 with a satisfactory grade.

Introductory course in computer graphics using primary Adobe Illustrator. The Macintosh operating system, color modes, file formats, basic scanning and printing techniques as well as web research will also be surveyed.

**ART 634**  
**Computer Graphics I: 3D Computer Graphics**  
**3 UNITS - (CSU)**

Prerequisite: Art 633 with a satisfactory grade.

Exploration of three-dimensional digital design techniques, concepts, and applications employed as tools in graphic design. The course focuses on three-dimensional modeling and rendering techniques in the creation of objects and environments for graphics and multimedia.

**ART 638**  
**Computer Aided Art Laboratory**  
**1 UNIT - (RPT 3) (CSU)**

Co-requisite: Concurrent Enrollment in Art 634.

This course provides essential computer time for students in Art 634 – Computer Graphics I: 3D Computer Graphics.

**ART 639**  
**Digital Imaging**  
**3 UNITS - (CSU)**

Prerequisite: Art 633 with a satisfactory grade

Introductory course in computer still image manipulation using Adobe Photoshop.

**ART 700**  
**Introduction to Sculpture**  
**3 UNITS - (UC:CSU)**

Prerequisite: Art 501 with a satisfactory grade.

Advisory: Art 201.

A beginning course which involves various media, including clay, plaster, and wood. Techniques of fabrication, carving, and molding applied to both figure studies and abstract construction.

**ART 701****Sculpture I****3 UNITS - (UC:CSU)**

Prerequisite: Art 700 with a satisfactory grade.

The development of technical skills is continued with special emphasis on additive and subtractive processes. Various materials will be considered and traditional techniques re-examined. Contemporary process such as assemblage and fabrication will be introduced.

**ART 702****Sculpture II****3 UNITS - (UC:CSU)**

Prerequisite: Art 701 with a satisfactory grade.

Advanced problems in the various sculptural media with emphasis upon individual growth and direction. Contemporary processes such as mixed media and installation or environmental sculpture will be considered.

**ART 703****Sculpture III****3 UNITS - (UC:CSU)**

Prerequisite: Art 702 with a satisfactory grade.

Advanced problems in an area of specialization: additive, subtractive, or mold making/casting processes. Emphasis will be placed on individual growth and the development of concepts through the medium of sculpture.

**ART 708****Introduction to Ceramics****3 UNITS - (UC:CSU)**

Prerequisite: Art 501 with a satisfactory grade.

A beginning course, which involves learning basic methods of making pottery. Effective use of design factors unique to clay is stressed. Demonstration lectures augment this laboratory course.

**ART 703****Ceramics II****3 UNITS - (UC:CSU)**

Prerequisite: Art 708 with a satisfactory grade.

Development of technical and design skills on the potter's wheel and in the making of more complex ceramic molds for slip casting.

**ART 710****Ceramics II****3 UNITS - (UC:CSU)**

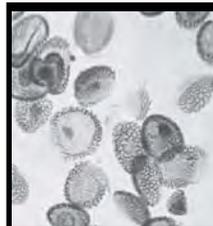
Prerequisite: Art 709 with a satisfactory grade.

Continued development of the mechanical skills including kiln loading and firing. Added studies in the preparation of clay and glazes, utilizing glaze calculation computer software.

**ART 711****Ceramics III****3 UNITS - (UC:CSU)**

Prerequisite: Art 710 with a satisfactory grade.

The design and development of projects of special interests to the advanced student focused on either ceramic industrial design or clay as a fine art medium.



# BIOLOGY/ ANATOMY

Chair: Greg Gonsalves,  
Life Science

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[www.lacitycollege.edu/academic/departments/lifesci/index.html](http://www.lacitycollege.edu/academic/departments/lifesci/index.html)

## PROGRAMS OFFERED

Courses Only - No Degree/Certificate

Anatomy

Biology

Microbiology

Physical Science (see "Sciences")

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### ANATOMY 1

#### Introduction to Human Anatomy

#### 4 UNITS – (UC:CSU)

Advisory: Eligibility for English 28/31 or equivalent.

Lecture 3 hours. Laboratory 3 hours.

In this basic course in human anatomy, lectures and demonstrations are given on human organs and organ systems. Each student dissects a mammal that is comparable in structure to the human body.

### BIOLOGY 1

#### Fundamentals of the Life Sciences I

#### 3 UNITS - (UC:CSU)

Advisory: Eligibility for English 28/31 or equivalent.

Credit not allowed for Biology 1 to students who have previous credit for Biology 3, 6, 23,25.

Lecture 3 hours. Demonstration 1 hour.

The general principles of Biology leading to an understanding of the human being as a living organism and its relation to other living organisms, and the environment.

### BIOLOGY 3

#### Introduction to Biology

#### 4 UNITS - (UC:CSU)

Advisory: Eligibility for English 28/31 or equivalent.

Credit not allowed for Biology 3, 3H to students who have previous credit for Biology 1, 6, 23, 25.

Lecture 3 hours. Laboratory 3 hours.

Presents a survey of biological principles, of activities, and of relationships of living organisms to each other and the world they live in, with emphasis on their correlations to the human organism.

Includes a study of nutritional, medical, genetic and eugenic aspects in a modern world.

### **BIOLOGY 3H**

#### **Introduction to Biology 4 UNITS - (UC:CSU)**

Prerequisite: Eligibility to enroll in English 101 and Honors Program standing. Credit not allowed for Biology 3H, to students who have previous credit for Biology 1, 6, 23, 25.

Lecture 3 hours. Laboratory 3 hours.

Course description same as Biology 3.

### **BIOLOGY 6**

#### **General Biology I 5 UNITS - (UC[under review]:CSU)**

Prerequisite: Mathematics 125 and Chemistry 60 or Chemistry 68 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory 6 hours.

Presents the principles of molecular biology, cell structure and function, genetics, evolution and organization at the tissue level in plants and animals.

UC limit: No credit allowed for Biology 1, 3, 23 or 25 if taken after Biology 6.

### **BIOLOGY 7**

#### **General Biology II 5 UNITS - (UC[under review]:CSU)**

Prerequisite: Mathematics 125 and Chemistry 60 or Chemistry 68, and Biology 6 with a satisfactory grade or equivalent.

Advisory: Eligibility for English 28/31 or equivalent.

Lecture 3 hours. Laboratory 6 hours.

Presents the principles of organization at the organ and organ system levels, embryology, ecology, and behavior.

### **BIOLOGY 23**

#### **Biological Principles 1 3 UNITS - (UC:CSU)**

Lecture 3 hours.

Selected topics in the biological sciences are applied to the understanding of basic and unifying principles.

### **BIOLOGY 25**

#### **Human Biology 3 UNITS - (UC:CSU)**

Advisory: Eligibility for English 28/31 or equivalent.

Credit not allowed for Biology 25 to students who have previous credit for Biology 1, 3, 6, 23.

Lecture 3 hours.

This is a survey course for the non-science major. The principle human organ systems are studied according to structure and function. Problems of pollution, population control, and preservation of the natural environment will be discussed.

### **BIOLOGY 185 Directed Study - 1 UNIT (CSU)**

### **BIOLOGY 285 Directed Study - 2 UNITS (CSU)**

### **BIOLOGY 385 Directed Study - 3 UNITS (CSU)**

Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.

### **MICROBIOLOGY**

UC Limit: Microbiology 1 and 20 combined: maximum credit allowed, one course.

### **MICROBIOLOGY 1**

#### **Introductory Microbiology 5 UNITS – (UC:CSU)**

Prerequisite: Chemistry 60, Biology 3, with a satisfactory grade of better or equivalent.

Advisory: Eligibility for English 28/31 or equivalent.

Lecture 3 hours. Laboratory 6 hours.

In the course are bacterial physiology, cytology, genetics, growth and reproduction, and the effects of physical and chemical agents on the bacterial cell. Applied fields covered are food, water, milk, air, soil and industrial microbiology. The immune response, diseases and bacteriologic techniques are stressed.

### **MICROBIOLOGY 20**

#### **General Microbiology 4 UNITS – (UC:CSU)**

Advisory: English 21 or equivalent.

Lecture 3 hours. Laboratory 3 hours.

This is a general microbiology course stressing diseases produced by microorganisms and including an introduction to bacterial classification, cytology, physiology, growth, reproduction, sterilization, disinfection and the applied fields of bacteriology.

Bacteriological techniques are emphasized in the laboratory.

### **MICROBIOLOGY 40**

#### **Microbiology Laboratory Preparations 1 UNIT – (RPT 2) (CSU)**

Laboratory 3 hours.

This course emphasizes the preparation of media and reagents normally used in a bacteriological laboratory. Use and care of laboratory equipment and supplies are included.

### **PHYSIOLOGY 1**

#### **Introduction to Human Physiology 4 UNITS – (UC:CSU)**

Prerequisite: Anatomy 1 with a satisfactory grade or equivalent.

Advisory: English 21 or equivalent.

Lecture 3 hours. Laboratory 3 hours.

Presents general principles of physiology with special emphasis upon the human body.



# BUSINESS

**Chair: Thelma Day**  
**(323) 953-4000 ext. 2900 • DH212**

[www.lacitycollege.edu/academic/departments/busad/business.htm](http://www.lacitycollege.edu/academic/departments/busad/business.htm)

## PROGRAMS OFFERED

### Associate of Arts:

- Accounting
- Advertising
- Bookkeeping
- Business Administration
- Business Law (See "Law")
- Finance & Banking Management
- Management, Business Offices
- Management, Small Businesses
- Marketing
- Real Estate

### Certificates:

- Accounting Technician
- Automated Accounting
- Business Administration
- Business Micro-Computer Application
- Finance & Banking Management
- Management, Small Business
- Management, Retail
- Marketing
- Real Estate - Finance Specialization
- Real Estate - Investment Specialization
- Real Estate - Marketing Specialization

## DEGREE PROGRAMS

### ACCOUNTING

#### Associate of Arts Degree

#### Career Program

Designed for students who are interested in a career in accounting, in private industry, or in public service, or who may choose to become accounting technicians with a public accounting firm. Students who already possess a Bachelor's degree and contemplate preparing for the Certified Public Accountant certificate should contact the State Board of Accountancy ((213) 620-4300) for eligibility requirements.

The curriculum outlined below is for students who do not intend to transfer to a four year college or university. Transfer students should consult the transfer requirements in the Transfer Requirements section, elsewhere in this catalog.

| COURSES                              | UNITS     |
|--------------------------------------|-----------|
| <b>First Semester</b>                |           |
| Accounting 1 .....                   | 5         |
| Accounting 55 .....                  | 1         |
| Business 1 .....                     | 3         |
| Accounting 31 or Business 38 .....   | 3/3       |
| <b>Second Semester</b>               |           |
| Accounting 2 .....                   | 5         |
| Accounting 17 or 18 .....            | 2/3       |
| Supervision 1 .....                  | 3         |
| Accounting 23 .....                  | 3         |
| <b>Following Semester</b>            |           |
| Accounting 25 or Accounting 27 ..... | 3         |
| Management 31 .....                  | 3         |
| CSIT 101 or 103 .....                | 4/4       |
| CSIT 130 .....                       | 3         |
| Business 17 .....                    | 3         |
| Accounting 15 .....                  | 3         |
| Business 15 .....                    | 3         |
| <b>Total Units</b> .....             | <b>45</b> |

Suggested General Education Electives: Supervision 1; Management 2; Finance 8, 15; Law 1.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

## ADVERTISING

### Associate of Arts Degree

#### Career Program

Designed by the Business Administration Department, this program is for students who wish to enter the advertising field. It offers training leading to employment as an advertising salesperson, copywriter, layout technician, or research production employee.

| COURSES                   | UNITS |
|---------------------------|-------|
| Business 1 .....          | 3     |
| Marketing 1 .....         | 3     |
| Marketing 21 .....        | 3     |
| Art 103 .....             | 3     |
| Marketing 11 and 13 ..... | 3/1   |
| CSIT 101 or 103 .....     | 4/4   |
| Business 17 .....         | 3     |
| Management 31 .....       | 3     |
| Management 33 .....       | 3     |

|                                   |              |
|-----------------------------------|--------------|
| International Business 1 .....    | 3            |
| Electives: Accounting 21/41 ..... | 4            |
| <b>Total Units .....</b>          | <b>33-35</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## BOOKKEEPING

### Associate of Arts Degree Career Program

The Business Administration department has designed the Bookkeeping curriculum for students who wish to become bookkeepers in private industry or government service. It is so arranged that students forced to terminate their schooling after completing one, two, or three semesters will have acquired skills necessary for employment. Students expecting to serve in the Armed Forces will find this a suitable preparation for many military classifications. Students who wish to become public accountants should take the Accounting curriculum.

| COURSES                            | UNITS        |
|------------------------------------|--------------|
| <b>First Semester</b>              |              |
| Accounting 21 and 41 .....         | 4            |
| Accounting 31 or Business 38 ..... | 3/3          |
| Business 1 .....                   | 3            |
| Management 13 .....                | 3            |
| <b>Second Semester</b>             |              |
| Accounting 17 or 18 .....          | 2/3          |
| Accounting 22 and 42 .....         | 4            |
| Accounting 23 .....                | 3            |
| <b>Following Semesters</b>         |              |
| Accounting 25 or 27 .....          | 3            |
| Finance 8 .....                    | 3            |
| Management 31 .....                | 3            |
| Accounting 15 .....                | 3            |
| Supervision 1 .....                | 3            |
| Elective .....                     | 2            |
| <b>Total Units .....</b>           | <b>35-40</b> |

Suggested General Education Electives: Accounting 27 or 55, Business 10, CSIT 130, CSIT 133, Finance 2, 15, CAOT 1, Management 2.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## BUSINESS ADMINISTRATION

### Associate of Arts Degree Career Program

The Business Administration curriculum is designed for students who are interested in an encompassing, formal business education. Upon successful completion of this program, the student will have an extensive background in the principles and practices of the business world.

| COURSES                            | UNITS     |
|------------------------------------|-----------|
| <b>First Semester</b>              |           |
| Business 1 .....                   | 3         |
| Business 38 or Accounting 31 ..... | 3         |
| Management 31 .....                | 3         |
| Management 33 .....                | 3         |
| <b>Second Semester</b>             |           |
| Finance 8 .....                    | 3         |
| Marketing 11 .....                 | 3         |
| Management 2 .....                 | 3         |
| <b>Third Semester</b>              |           |
| Business 15 .....                  | 3         |
| Business 17 .....                  | 3         |
| Marketing 21 .....                 | 3         |
| <b>Fourth Semester</b>             |           |
| Accounting 21/41 .....             | 4         |
| Management 13 .....                | 3         |
| Supervision 1 .....                | 3         |
| <b>Total Units .....</b>           | <b>40</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**FINANCE & BANKING**  
**Associate of Arts Degree**  
**Career Program**

The Finance and Banking curriculum has been planned by the Business Administration department to provide training for employment in such fields as banking, corporate finance, stocks and bonds, credits and collections, and savings and loan businesses.

| COURSES                            | UNITS     |
|------------------------------------|-----------|
| <b>First Semester</b>              |           |
| Business 1 .....                   | 3         |
| Business 38 or Accounting 31 ..... | 3         |
| Management 31 .....                | 3         |
| <b>Second Semester</b>             |           |
| Accounting 21 and 41 .....         | 4         |
| Finance 8 .....                    | 3         |
| Business 17 .....                  | 3         |
| Supervision 1 .....                | 3         |
| <b>Following Semesters</b>         |           |
| Accounting 22 and 42 .....         | 4         |
| Finance 2 .....                    | 3         |
| Finance 15 .....                   | 3         |
| Real Estate 1 .....                | 3         |
| Management 2 .....                 | 3         |
| <b>Total Units</b> .....           | <b>38</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**MANAGEMENT**  
**Associate of Arts Degree**  
**Career Program**

The Management curriculum has been planned by the Business Administration Department for students going into business for themselves or for those who are ambitious to advance to positions of leadership in any organization.

| COURSES                        | UNITS |
|--------------------------------|-------|
| <b>First Semester</b>          |       |
| Business 1 .....               | 3     |
| Business 38 .....              | 3     |
| Management 2 .....             | 3     |
| <b>Second Semester</b>         |       |
| Accounting 21/41 .....         | 4     |
| Supervision 1 .....            | 3     |
| International Business 1 ..... | 3     |

**Third Semester**

|                                                                                |     |
|--------------------------------------------------------------------------------|-----|
| Accounting 22/42 (for those who have already completed Accounting 21/41) ..... | 4   |
| CSIT 101 or Business 17 .....                                                  | 4/4 |
| Finance 8 .....                                                                | 3   |

**Fourth Semester**

|                     |   |
|---------------------|---|
| Management 13 ..... | 3 |
| Management 33 ..... | 3 |

**Total Units** ..... **36**

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**MANAGEMENT - BUSINESS OFFICES**  
**Associate of Arts Degree**  
**Career Program**

The Business Administration department has planned the Business Office Management curriculum for students who aspire to the middle management positions in business and industry concerned with the administration of general business offices and the supervision of office personnel. To help train students for these positions, the curriculum offers courses in the various functions of office services.

| COURSES                | UNITS |
|------------------------|-------|
| <b>First Semester</b>  |       |
| Accounting 21/41 ..... | 4     |
| Business 1 .....       | 3     |
| Business 38 .....      | 3     |

**Second Semester**

|                     |   |
|---------------------|---|
| Finance 2 .....     | 3 |
| Accounting 25 ..... | 3 |
| Management 13 ..... | 3 |

**Third Semester**

|                   |   |
|-------------------|---|
| Business 17 ..... | 3 |
| Finance 8 .....   | 3 |
| Finance 15 .....  | 3 |

**Fourth Semester**

|                     |   |
|---------------------|---|
| Management 2 .....  | 3 |
| Management 31 ..... | 3 |
| Management 33 ..... | 3 |
| Supervision 1 ..... | 3 |

**Total Units** ..... **40**

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## MANAGEMENT - SMALL BUSINESS

### Associate of Arts Degree

#### Career Program

The Business Administration department has planned the Small Business Management curriculum for those students preparing to be an employee in a small business or planning to own a business.

| COURSES                        | UNITS     |
|--------------------------------|-----------|
| <b>First Semester</b>          |           |
| Accounting 21/41 .....         | 4         |
| Business 1 .....               | 3         |
| Finance 8 .....                | 3         |
| Management 13 .....            | 3         |
| Management 33 .....            | 3         |
| <b>Second Semester</b>         |           |
| International Business 1 ..... | 3         |
| Accounting 23 .....            | 3         |
| Marketing 11 .....             | 3         |
| <b>Following Semesters</b>     |           |
| CSIT 101 or 103 .....          | 4/4       |
| Finance 2 .....                | 3         |
| Management 2 .....             | 3         |
| Management 31 .....            | 3         |
| Supervision 1 .....            | 3         |
| <b>Total Units</b> .....       | <b>41</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## MARKETING

### Associate of Arts Degree

#### Career Program

The Marketing degree program provides the student with a wide range of knowledge in marketing, selling, advertising and retailing, as well as decision-making skills in product planning, pricing, and selection of channels of distribution. The capstone course, Marketing 24, provides student with a vehicle for making contacts in the field of marketing with a view toward employment.

The Marketing curriculum shown below serves as a guide to students majoring in the subject area. Students have flexibility in scheduling these classes but are advised to begin their studies with Principles of Marketing (Marketing 21) during their third or fourth semester.

| COURSES                    | UNITS     |
|----------------------------|-----------|
| <b>First Semester</b>      |           |
| Marketing 1 .....          | 3         |
| Marketing 21 .....         | 3         |
| Business 1 .....           | 3         |
| Management 31 .....        | 3         |
| <b>Second Semester</b>     |           |
| Marketing 11 .....         | 3         |
| Marketing 13 .....         | 1         |
| Business 38 .....          | 3         |
| Management 33 .....        | 3         |
| Business 17 .....          | 3         |
| <b>Following Semesters</b> |           |
| Management 13 .....        | 3         |
| Management 2 .....         | 3         |
| Supervision 1 .....        | 3         |
| Marketing 31 .....         | 3         |
| <b>Total Units</b> .....   | <b>37</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## REAL ESTATE

### Associate of Arts Degree

#### Career Program

The Real Estate curriculum has been designed by the Business Administration department for students who plan to enter the real estate field in such areas as sales, brokerage, management, and escrows. Individuals who complete the 30 unit program with a satisfactory grade or better in each course specified in the Real Estate Certificate program may apply for a California Real Estate Certificate. Applications are distributed in the Real Estate classes at approximately the middle of each semester. Applications should be filed with the Graduation Clerks in the Admissions Office during the semester in which the

30 unit program is expected to be completed. Education and experience requirements for the broker license are set by the California Department of Real Estate, 107 S. Broadway, Los Angeles, CA, 90012.

| COURSES                       | UNITS     |
|-------------------------------|-----------|
| Real Estate 1 .....           | 3         |
| Real Estate 3 .....           | 3         |
| CSIT 101 or Business 17 ..... | 4         |
| Communication Course .....    | 3         |
| Real Estate 5 .....           | 3         |
| Real Estate 7 .....           | 3         |
| Accounting 1 .....            | 5         |
| Real Estate 6 .....           | 3         |
| Real Estate 9 .....           | 3         |
| Real Estate 11 .....          | 3         |
| Real Estate 14 .....          | 3         |
| Real Estate 18 .....          | 3         |
| Real Estate 21 .....          | 3         |
| Law 1 .....                   | 3         |
| Marketing 1 .....             | 3         |
| <b>Total Units</b> .....      | <b>48</b> |

Refer to prerequisites for Accounting 1. Suggested General Education Electives: Real Estate 60; Marketing 21; CSIT 130. Advanced courses for practicing real estate agents are suggested as follows: CSIT 130 (word processing, data base, spreadsheet) Real Estate 60. Real Estate 60 is also recommended for pre licensing students.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

### ACCOUNTING TECHNICIAN

#### Certificate

A Certificate in Accounting-Technician will be issued by the Business Administration department upon application of the student with the department and successful completion of the following course work with a satisfactory grade.

| REQUIRED COURSES                   | UNITS |
|------------------------------------|-------|
| Accounting 21 & 41 .....           | 4     |
| Accounting 22 & 42 .....           | 4     |
| Accounting 17 or 18 .....          | 2/3   |
| Accounting 23 .....                | 3     |
| Accounting 31 or Business 38 ..... | 3/3   |
| Accounting 15 .....                | 3     |
| Accounting 55 .....                | 1     |
| CSIT 101 or Business 17 .....      | 4/4   |

|                                    |     |
|------------------------------------|-----|
| Accounting 25 .....                | 3   |
| Accounting 27 .....                | 3   |
| Business 1 .....                   | 3   |
| Business 10 or Accounting 15 ..... | 3/3 |
| Management 31 .....                | 3   |

**Total Units** ..... 39-40

### AUTOMATED ACCOUNTING

#### Certificate

A certificate in Automated Accounting will be issued by the Department of Business Administration upon application of the student and successful completion of requirements for Accounting-Technician certificate and completion of the following course work with a satisfactory grade.

| REQUIRED COURSES                   | UNITS |
|------------------------------------|-------|
| Accounting 21 & 41 .....           | 4     |
| Accounting 22 & 42 .....           | 4     |
| Accounting 17 or 18 .....          | 2/3   |
| Accounting 23 .....                | 3     |
| Accounting 25 .....                | 3     |
| Accounting 27 .....                | 3     |
| Accounting 31 or Business 38 ..... | 3/3   |
| Accounting 55 .....                | 1     |
| Business 1 .....                   | 3     |
| CSIT 101 or CSIT 103 .....         | 4/4   |
| CSIT 130 .....                     | 3     |
| Management 31 .....                | 3     |

**Total Units** ..... 36-37

### BUSINESS ADMINISTRATION

#### Certificate

A certification in Business Administration will be issued by the Business Administration department after application to the department by the student upon successful completion of the following course work with a satisfactory grade.

| COURSES                        | UNITS |
|--------------------------------|-------|
| Business 1 .....               | 3     |
| Business 15 .....              | 3     |
| Business 38 .....              | 3     |
| CSIT 101 or CSIT 103 .....     | 4/4   |
| Finance 2 .....                | 3     |
| Finance 8 .....                | 3     |
| Management 2 .....             | 3     |
| Management 13 .....            | 3     |
| Management 31 .....            | 3     |
| International Business 1 ..... | 3     |
| Marketing 21 .....             | 3     |
| Management 33 .....            | 3     |
| Finance 15 .....               | 3     |

**Total Units** ..... 40

All courses must be completed with a satisfactory grade or better.

## BUSINESS-MICRO COMPUTER APPLICATION

### Certificate

A certificate in Business Micro-Computer Application will be issued by Business Administration department upon application of student with the department with successful completion of the following course work with a satisfactory grade.

| <u>COURSES</u>                          | <u>UNITS</u> |
|-----------------------------------------|--------------|
| Business 1 .....                        | 3            |
| Business 17 or CSIT 133 .....           | 3/3          |
| CSIT 104 or Business 38 .....           | 3/3          |
| CSIT 130 .....                          | 3            |
| CSIT 148 or CSIT 133 .....              | 3/3          |
| CSIT 157 or CSIT 160 .....              | 4/3          |
| CSIT 167 .....                          | 3            |
| Marketing 13 or Marketing 21 .....      | 1/3          |
| Management 2 or Management 31, 33 ..... | 3/3/3        |
| COAT 84 .....                           | 3            |
| <b>Total Units</b> .....                | <b>30</b>    |

Include with the above: 6 units from the following: Business 15; Accounting 21 and 41; International Business 1; Real Estate 1; Finance 2, 8, 15; Philosophy 8; Supervision 1, 12; Economics 1. A total of 36-39 units must be completed with a grade of Business 1, 10; Finance 11; Management 13; Political Science 1; Psychology 1, 4; Sociology 1, with a satisfactory grade or better.

## FINANCE & BANKING

### Certificate

A certification in Finance and Banking will be issued by the Business Administration department upon application of the student to the department and successful completion of the following course work with a satisfactory grade.

| <u>COURSES</u>                                        | <u>UNITS</u> |
|-------------------------------------------------------|--------------|
| Accounting 21/41 .....                                | 4            |
| Accounting 22/42 .....                                | 4            |
| Accounting 55 .....                                   | 3            |
| Finance 15 .....                                      | 3            |
| Business 1 .....                                      | 3            |
| Business 38 or Accounting 31 .....                    | 3/3          |
| CSIT 101 or CSIT 103 .....                            | 4/4          |
| Finance 2 .....                                       | 3            |
| Finance 8 .....                                       | 3            |
| Finance 11 .....                                      | 3            |
| Management 2 .....                                    | 3            |
| Supervision 1 or Management 13 or Management 33 ..... | 3/3/3        |
| Business 15 .....                                     | 3            |
| Electives .....                                       | 6            |
| <b>Total Units</b> .....                              | <b>43</b>    |

Electives: Economics 1; Law 1; Real Estate 1.

All courses must be completed with a satisfactory grade or better.

## MANAGEMENT

### Certificate

A certificate in Management will be issued by the Business Administration department upon application of the student with the department upon successful completion of the courses listed below. This curriculum is designed for students who are planning on going into business for themselves or to advance into leadership positions within an organization.

| <u>COURSES</u>             | <u>UNITS</u> |
|----------------------------|--------------|
| Business 38 .....          | 3            |
| Business 1 .....           | 3            |
| CSIT 101 or CSIT 103 ..... | 4/4          |
| Finance 2 .....            | 3            |
| Finance 8 .....            | 3            |
| Management 2 .....         | 3            |
| Management 13 .....        | 3            |
| Management 31 .....        | 3            |
| Management 33 .....        | 3            |
| Marketing 21 .....         | 3            |
| Supervision 1 .....        | 3            |
| <b>Total Units</b> .....   | <b>34</b>    |

## SMALL BUSINESS MANAGEMENT

### Certificate

A certificate in Small Business Management will be issued by the Business Administration department upon application of the student with the department upon successful completion of the following course work with a satisfactory grade.

| <u>COURSES</u>                     | <u>UNITS</u> |
|------------------------------------|--------------|
| Accounting 21/41 or 23 .....       | 4/3          |
| Business 1 .....                   | 3            |
| Business 38 or Accounting 31 ..... | 3/3          |
| CSIT 101 or 103 .....              | 4/4          |
| Real Estate 1 .....                | 3            |
| Management 13 .....                | 3            |
| Management 31 .....                | 3            |
| Management 33 .....                | 3            |
| Marketing 1 .....                  | 3            |
| Marketing 11 .....                 | 3            |
| Finance 8 .....                    | 3            |
| <b>Total Units</b> .....           | <b>34/35</b> |

## RETAIL MANAGEMENT

### Certificate

This curriculum prepares students for management careers in the retail industry. Emphasis is on retail merchandising, human relations, human resource management, communications, and computer applications. Curriculum was developed in cooperation with the Western Association of Food Chains.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Marketing 21 .....       | 3         |
| Marketing 31 .....       | 3         |
| Management 2 .....       | 3         |
| Management 31 .....      | 3         |
| Management 33 .....      | 3         |
| Business 38 .....        | 3         |
| Speech 101 .....         | 3         |
| CAOT 32* .....           | 3         |
| CAOT 84 or CAOT 85 ..... | 3/3       |
| Accounting 21 .....      | 4         |
| Accounting 41 .....      | 4         |
| <b>Total Units</b> ..... | <b>35</b> |

\*May need to meet a prerequisite before enrolling in this class.

## MARKETING

### Certificate

The Marketing certificate has been designed to provide the student with a vehicle for acquiring valuable knowledge, expertise, and marketable skills with which to obtain employment — or to attain promotions — in sales, marketing, retailing, advertising, or new product planning. The student will also learn the means of succeeding in businesses of their own, without having to complete the related and elective units of study required for the Associate of Arts degree.

| COURSES                            | UNITS        |
|------------------------------------|--------------|
| Business 1 .....                   | 3            |
| Business 38 or Accounting 31 ..... | 3/3          |
| Finance 2 .....                    | 3            |
| CSIT 101 or Supervision I .....    | 4/3          |
| International Business I .....     | 3            |
| Management 13 .....                | 3            |
| Management 31 .....                | 3            |
| Marketing 1 .....                  | 3            |
| Marketing 11 or Marketing 13 ..... | 3            |
| Marketing 21 .....                 | 3/1          |
| Marketing 31 .....                 | 3            |
| <b>Total Units</b> .....           | <b>34/35</b> |

## REAL ESTATE

### Certificate with Specialization

| CORE COURSES                        | UNITS     |
|-------------------------------------|-----------|
| Real Estate 1 .....                 | 3         |
| Real Estate 3 .....                 | 3         |
| Real Estate 5 .....                 | 3         |
| Real Estate 7 .....                 | 3         |
| Real Estate 9 .....                 | 3         |
| CSIT 101 or CSIT 103 .....          | 4         |
| Business 1 .....                    | 3         |
| <b>Core Courses Sub-Total</b> ..... | <b>22</b> |

### Additional required courses for the specializations are:

#### Real Estate: Finance Specialization

| ADDITIONAL REQUIRED COURSES                | UNITS     |
|--------------------------------------------|-----------|
| Real Estate 6 .....                        | 3         |
| Real Estate 11 .....                       | 3         |
| Real Estate 21 .....                       | 3         |
| Finance 2 .....                            | 3         |
| Finance 8 .....                            | 3         |
| <b>Sub-Total</b> .....                     | <b>15</b> |
| <b>Total (Core + Specialization)</b> ..... | <b>37</b> |

#### Real Estate: Investment Specialization

| ADDITIONAL REQUIRED COURSES                | UNIT      |
|--------------------------------------------|-----------|
| Real Estate 11 .....                       | 3         |
| Real Estate 14 .....                       | 3         |
| Real Estate 18 .....                       | 3         |
| Real Estate 21 .....                       | 3         |
| Finance 2 .....                            | 3         |
| Finance 8 .....                            | 3         |
| <b>Sub-Total</b> .....                     | <b>18</b> |
| <b>Total (Core + Specialization)</b> ..... | <b>40</b> |

#### Real Estate: Marketing Specialization

| ADDITIONAL REQUIRED COURSES                | UNITS     |
|--------------------------------------------|-----------|
| Real Estate 6 .....                        | 3         |
| Real Estate 11 .....                       | 3         |
| Real Estate 14 .....                       | 3         |
| Marketing 1 .....                          | 3         |
| Marketing 11 .....                         | 3         |
| Marketing 21 .....                         | 3         |
| <b>Sub-Total</b> .....                     | <b>18</b> |
| <b>Total (Core + Specialization)</b> ..... | <b>40</b> |

All courses must be completed with a satisfactory grade or better. This certificate satisfies the statutory college course requirement necessary for the California Real Estate Broker license. A college degree and/or additional experience is also required.

Please consult with the California Department of Real Estate.

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Also see Computer Applications/Office Technology (CAOT), Computer Science/Information Technology (CSIT), Law and Speech Communications

UC Credit Limit: maximum credit allowed, one course from Business 15 or Mathematics 225.

### ACCOUNTING

#### ACCOUNTING 1

##### Introductory Accounting I

##### 5 UNITS - (UC:CSU)

Prerequisite: Completion of Business 38 or Accounting 31 with a satisfactory grade or better.

Credit allowed for only Accounting 1 or Accounting 21 with Accounting 41 and Accounting 22 with Accounting 42. Accounting 1 is intended for transfer students. All others should consider taking Accounting 21 with Accounting 41. Introduction to fundamental accounting principles and concepts. Includes analysis and recording of various business transactions in the journals and ledgers; preparation of basic financial statements of service and merchandising firms; detailed study of cash receivables, inventory, plant assets including depreciation; intangible assets and amortization; payables; payroll and related payroll taxes.

#### ACCOUNTING 2

##### Introductory Accounting II

##### 5 UNITS - (UC:CSU)

Prerequisite: Accounting 1 or 22 with a satisfactory grade or better.

Continues the introduction to fundamental accounting principles and concepts including the recording of transactions unique to partnerships and corporations. Preparation of cash flow statements, financial analysis and interpretation and introduction to basic cost accounting concepts and procedures.

#### ACCOUNTING 3

##### Intermediate Accounting

##### 3 UNITS - (CSU)

Prerequisite: Accounting 2 with a satisfactory grade or better.

Theory of recording valuation, and presentation of current, fixed and intangible assets; current and long term obligations; paid-in capital and retained earnings; financial statement analysis; applications of funds and cash flow reporting.

#### ACCOUNTING 4

##### Advanced Accounting

##### 3 UNITS - (CSU)

Prerequisite: Accounting 3 with a satisfactory grade or better.

with a satisfactory grade or better. Financial concepts and analysis of problems that arise in partnerships, branches, affiliated companies, governmental units, nonprofit organizations, and estates and trusts.

#### ACCOUNTING 11

##### Accounting

##### 3 UNITS - (CSU)

Prerequisite: Accounting 2 with a satisfactory grade or better.

Theory of cost accounting with emphasis on job – lot and process cost accounting. Accounting methods for material, labor, and factory overhead, and preparation of financial statements from cost data.

#### ACCOUNTING 12

##### Auditing

##### 3 UNITS - (CSU)

Co-requisite: Concurrent enrollment in or credit for Accounting 4 with a satisfactory grade or better.

The principles of auditing and the steps to be followed in conducting an audit, preparation of audit working papers and audit reports, and solution of an audit case.

#### ACCOUNTING 15

##### Tax Accounting I

##### 3 UNITS - (CSU)

Prerequisite: Accounting 1 with a satisfactory grade or better.

Tax laws, accounting procedures required in the preparation of Federal and California State income tax returns for individuals. Can be utilized to meet the basic qualifications for registering as a tax preparer and the continuing education requirements of the California Tax Preparer Act.

#### ACCOUNTING 16

##### Tax Accounting II

##### 3 UNITS - (CSU)

Prerequisite: Accounting 15 with a satisfactory grade or better.

This course includes tax laws, accounting procedures, and preparation of income tax returns for corporations, partnerships, estates, and trusts. Estate and gift tax laws, and preparation of related returns are also discussed.

#### ACCOUNTING 17

##### Payroll Accounting

##### 2 UNITS - (A)

Advisory: English 28/31 or equivalent.

Concerned with procedures and practices involved in a firm's payroll system. Includes familiarizing students with current State and Federal laws with respect to computation of regular and overtime pay, withholding of payroll taxes, computation of employer's payroll taxes, and the preparation of payroll tax returns for a firm.

#### ACCOUNTING 18

##### Computerized Payroll Accounting

##### 3 UNITS - (A)

Prerequisite: Accounting 21/41 or Accounting 1 with a satisfactory grade or better.

Concerned with procedures and practices involved in a manual or automated payroll system. Includes familiarizing students with current state and federal laws affecting payroll, computation of payroll taxes and preparation of payroll tax returns.

#### ACCOUNTING 21

##### Bookkeeping and Accounting I

##### 3 UNITS - (UC:CSU)

Co-requisite: Accounting 41.

Credit allowed for only Accounting 1 or the combination of Accounting 21 with 41 and 22 with 42.

Fundamentals of double-entry accounting; the accounting cycle; preparation of the trial balance, adjusting entries and three basic financial statements; use of controlling accounts; accounting for merchandise and cash transactions; special journals and periodic reporting.

UC limit: Accounting 21 and 22 equal five units allowable.

## **ACCOUNTING 22**

### **Bookkeeping and Accounting II 3 UNITS - (UC:CSU)**

Prerequisite: Prior successful completion of Accounting 21 with 41, and concurrent enrollment in Accounting 42 at the same hour and with the same instructor as Accounting 22.

Credit allowed for only Accounting 1 or the combination of Accounting 21 with 41 and 22 with 42.

Accounting for receivables, payables and bad debts; deferrals and accruals; merchandise inventories; plant and intangible assets; accounting systems and controls including bank reconciliations; and payroll systems. UC limit: Accounting 21 with 22 equal five units allowable.

## **ACCOUNTING 23**

### **Record Keeping for Small Business 3 UNITS - (A)**

Prerequisite: Accounting 21/41 and CSIT 101 with satisfactory grades or better.

Builds on knowledge and background gained from Accounting 21/41.

Introduces cash basis concept of accounting, single-entry accounting systems and a small business computerized accounting software. Student will complete simulated accounting projects designed for different types of small business firms using both manual and microcomputer systems.

## **ACCOUNTING 25**

### **Accounting: Automated Accounting Methods and Procedures 3 UNITS - (A)**

Prerequisite: Accounting 21 and CSIT 101 with satisfactory grades or better. Designed for hands-on experience with the micro computer in the accounting environment. Basic emphasis will be computerized accounting with special emphasis to maintenance of general ledger, accounts receivable, accounts payable, and payroll records. Also, the preparation of worksheets, financial statements, payroll records and other accounting records.

## **ACCOUNTING 27**

### **Accounting: Automated Accounting Methods and Procedures II 3 UNITS - (A)**

Prerequisite: Accounting 1 with a satisfactory grade or better.

Computer applications in the preparation of special journals, payroll register, bank reconciliation, aging account receivable inventory costing and depreciation. Analysis reconciliation, aging accounts receivable, inventory costing and depreciation. Analysis of financial statements and preparation of a computerized practice set.

## **ACCOUNTING 31**

### **Accounting: Mathematics of Accounting 3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

Credit allowed for only one Accounting 31 and Business 38. Review of mathematical fundamentals, followed by bank reconciliation, payroll computations, depreciation and allocation of overhead, trade and cash discounts, simple interest and compound interest computations, multiple payment plans, present value, sinking fund and amortization.

## **ACCOUNTING 37**

### **Accounting Machine Practice 1 UNIT - (A)**

Continuation of CAOT 6. Enrollment will be by add card only.

Additional 2-hour Lab TBA.

This course develops proficiency in performing printing calculations and the mastery of touch keyboarding.

## **ACCOUNTING 41**

### **Accounting: Laboratory for Accounting 21 1 UNIT - (A)**

Prerequisite: Accounting 21 with a satisfactory grade or better.

Note: Accounting 41 students must also enroll in Accounting 21 at the same hour and with the same instructor as Accounting 41. Fundamentals of double-entry accounting; the accounting cycle; preparation of the trial balance; adjusting entries and three basic financial statements; use of controlling accounts; accounting for merchandising and cash transactions; special journals and periodic reporting.

## **ACCOUNTING 42**

### **Laboratory For Accounting 22 1 UNIT - (A)**

Prerequisite: Accounting 41 with a satisfactory grade or better.

Co-requisite: Accounting 22 which meets at the same hour.

This laboratory course is designed to reinforce the lecture in Accounting 22.

## **ACCOUNTING 55**

### **Accounting: Accounting Computer Laboratory 1 UNIT - (A)**

Advisory: CSIT 101 and English 28/31 with satisfactory grades or better.

This is a computer laboratory which provides the student with an opportunity to apply the accounting computer concepts being studied in an other accounting class section.

## **ACCOUNTING 285 Directed Study — 2 UNITS (CSU)**

## **ACCOUNTING 385 Directed Study — 3 UNITS (CSU)**

Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.

## **BUSINESS**

### **BUSINESS 1**

#### **Introduction to Business 3 UNITS - (UC:CSU)**

A survey of business including forms of business organization, finance, personnel problems, marketing, managerial aids, business-government relations; and business terms and concepts.

### **BUSINESS 10**

#### **Fundamentals of Tax Return Preparation 3 UNITS – (A)**

Advisory: English 28/31 or equivalent.

Credit allowed for only one of Business 10 and Accounting 15.

The provisions and requirements of the Federal and California State income tax laws as they apply to individuals. Requires students to prepare a number of specimen income tax forms. Credit allowed for only one of Business 10 and Accounting 15.

**BUSINESS 15****Business Statistics****3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.

Collection, tabulation and presentation of data; averages and index numbers, economic trends and cycles, correlation, and the application of these methods to the solution of practical business problems.

UC limit: Maximum one course from Mathematics 225 and Business 15.

**BUSINESS 17****Computer Graphics for Business****3 UNITS – (A)**

Prerequisite: Business 1 with a satisfactory grade or better.

A comprehensive course in business graphics covering types of business graphics, their uses and techniques for generating graphics emphasizing computer usage, computer techniques and current computer graphics software.

**BUSINESS 38****Business Computations****3 UNITS – (CSU)**

Advisory: English 28/31 or equivalent.

Credit allowed for only one of Business 38 or Accounting 31. Problems in ordinary business situations and on civil service examinations. Arithmetic fundamentals, including addition, subtraction, multiplication and division of whole numbers and fractions are reviewed. Practical problems include interest, cash and trade discount, mark-up and mark-- down, payrolls, and percentage.

**FINANCE****FINANCE 2****Investments****3 UNITS - (CSU)**

Advisory: Finance 8 with a satisfactory grade or better.

The principles of investment, the various types of investments, the operations of investment markets, and sources of information.

**FINANCE 8****Personal Finance and Investments****3 UNITS - (CSU)**

Applying the principles of accounting, banking, finance, office methods, management, and production, to one's personal affairs. Family budgeting, consumer credit, home ownership, life and property insurance, investments and savings plans, social security and retirement plans.

**FINANCE 11****Credits and Collections****3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

Covers the duties of a credit manager in various business establishments.

**FINANCE 15****Principles of Banking****3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

This course is designed to provide an understanding of the basic functions of banking and a working knowledge of the operation of a bank.

**FINANCE 16****Installment Credit****3 UNITS - (CSU)**

Prerequisite: Finance 15 and Business 1 with satisfactory grades or better.

This course presents the techniques of installment lending. Emphasis is placed on establishing the credit, obtaining and checking information, servicing the loan, and collecting the amounts due. Other topics discussed are inventory financing, special loan programs, business development and advertising.

**FINANCE 17****Analysis of Financial Statements****3 UNITS - (CSU)**

Prerequisite: Accounting 1 and Finance 15 with satisfactory grades or better.

This course presents the techniques of analyzing financial statements. Meaningful aspects are explored with regard to contents of financial statements.

**INTERNATIONAL BUSINESS****INTERNATIONAL BUSINESS 1****International Trade****3 UNITS - (CSU)**

Prerequisite: Business 1 with a satisfactory grade or better.

A study of the principles of international trade, including the basics of operating an import and/or export business. Topics covered include: marketing, terminology, documentation, financial procedures, credits, collections, and communication.

**INTERNATIONAL BUSINESS****Exporting Procedures****3 UNITS - (A)**

Identifies, defines, and explains that which is required by the United States regulatory agencies to export from the United States. Emphasis will be placed on how to determine if a commodity is acceptable for export and how to prepare the proper documentation required by the country of destination.

**INTERNATIONAL BUSINESS 4****Importing Procedures I****3 UNITS - (A)**

Prerequisite: International Business 1 with a satisfactory grade or better.

Identifies, defines, and explains the United States regulatory agency requirements to import to the United States. Emphasis will be placed on how to determine what duties commodities might be subject to and how to prepare and present to the Bureau of Customs the shipment and its documents.

**INTERNATIONAL BUSINESS 5****Payment Instruments and Procedures****3 UNITS - (A)**

Prerequisite: Business 1 and/or International Business 1 with satisfactory grades or better.

This course explains how to arrange and receive payment for merchandise shipped from one country to another. Topics covered include how to prepare and fill out documents. Also included is information regarding credit and political risk insurance.

## **INTERNATIONAL BUSINESS 6**

### **International Marketing I**

#### **3 UNITS - (A)**

Open to all students.

Emphasizes how to get foreign customers for American made products, how to identify prospective customers, how to make contact and how to sell the product. Variables include: culture, trade customs, politics, climate, wealth, business and government structures and international law.

## **MANAGEMENT**

### **MANAGEMENT 2**

#### **Organization and Management Theory**

#### **3 UNITS - (CSU)**

Advisory: Business I or equivalent.

A study of the process of management, the establishment and achievement of objectives, decision making, organization, planning, control, and managerial authority.

### **MANAGEMENT 6**

#### **Public Relations**

#### **3 UNITS – (RPT 1) (CSU)**

Advisory: Eligibility for English 28/31 or equivalent.

A study of public attitudes and their effect on industry, education, government, and the community.

### **MANAGEMENT 13**

#### **Small Business Management I**

#### **3 UNITS - (CSU)**

Advisory: CO SCI 1 or equivalent.

Designed to teach the student how to organize and operate a small business.

### **MANAGEMENT 14**

#### **Office Management**

#### **3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

This Course Studies office practices and procedures, including the acquisition of computer hardware and software, management and the use of telecommunications equipment, fax and other office technology.

### **MANAGEMENT 31**

#### **Human Relations for Employees**

#### **3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

Helps the student to recognize and develop those traits necessary for good relations with fellow workers, supervisors, subordinates, customers, and other business associates.

### **MANAGEMENT 33**

#### **Personnel Management**

#### **3 UNITS - (CSU)**

This course covers the essentials of human resource management. Topics include recruitment, selection, training, appraisals, compensations, benefits, labor relations and collective bargaining.

## **MARKETING**

### **MARKETING 1**

#### **Principles of Selling**

#### **3 UNITS - (CSU)**

The student will learn about selling careers, role of personality in selling, how to use product knowledge, prospecting, how to start the sale, demonstrate the product, handle sales resistance, and close the sale.

### **MARKETING 2**

#### **Advanced Selling**

#### **3 UNITS - (CSU)**

Prerequisite: Marketing 1 with a satisfactory grade or better.

Designed to develop skill in the presentation of sales talks. Each student gains experience by developing and offering complete sales presentations in the various fields of selling.

### **MARKETING 11**

#### **Fundamentals of Advertising**

#### **3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

Open to all students.

Provides the student with an opportunity to explore the strategies and techniques used by small business, corporations and advertising agencies to stimulate sales.

Business approach to practices of advertising, includes selection of media, campaign management, copy writing and layout.

### **MARKETING 13**

#### **Marketing**

#### **1 UNIT – (A)**

Advisory: Marketing 11 or Marketing 21.

This course teaches student to apply marketing principles in a real-life project.

### **MARKETING 21**

#### **Principles of Marketing**

#### **3 UNITS - (CSU)**

Open to all students.

The student will explore types of markets and their characteristics, planning the products, selection of dealers and distributors, promotion of the products, international marketing.

### **MARKETING 31**

#### **Retail Merchandising**

#### **3 UNITS - (CSU)**

This course provides the student with a working knowledge of the principles and procedures in retailing, including a study of store location, store layout, store organization, buying, pricing, stock planning, and retail sales promotion.

### **MARKETING 32**

#### **Fashion Merchandising**

#### **3 UNITS - (CSU)**

Designed to provide detailed information about ready-to-wear merchandise. Technical functions of apparel merchandising, such as seasonal buying procedures, specific selling points, consumer buying habits, and knowledge concerning fashion trends.

## **MARKETING 33**

### **Retail Buying 3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

A study of the principles and techniques of buying for retail organizations, including inventory and stock control procedures, merchandise selection, merchandise planning, use and interpretation of buyers' reports and retail mathematics for buyers.

## **REAL ESTATE**

### **REAL ESTATE 1**

#### **Real Estate Principles 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

This course is required for the California Real Estate examination. A beginning course in real estate fundamentals and principles, including real estate economics, terminology and definitions, real estate law, building and construction, real estate investment, and vocational opportunities in real estate.

### **REAL ESTATE 3**

#### **Real Estate Practices 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

Problems of establishing and conducting a real estate business, including establishing the office, securing listings and prospects, showing properties and closing sales, ethics and professional relationship, rentals and leases, appraising, and the California Real Estate Act. Preparation of documents used in real estate transactions, property transfers, and exchanges is included.

### **REAL ESTATE 5**

#### **Legal Aspects of Real Estate I 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

Legal background necessary for those who plan to take the state examination which is required in order to obtain a license to be a real estate salesperson or broker, including principles of property ownership and management in their business aspects, with special reference to the law of California. Legal aspects as it applies to community property, deeds, trust deeds, mortgages, leases, brokerage, mechanic's liens, homesteads, wills, and estates.

### **REAL ESTATE 6**

#### **Legal Aspects of Real Estate II 3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

Covers legal aspects of real estate problems. An advanced and in depth study of agency law including dual agency, single agency seller, single agency buyer and sub agency. Also included is the study of living trusts and how to have one prepared.

## **REAL ESTATE 7**

### **Real Estate Finance 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

A study of the forms and sources of financing property, including purchase, construction, and permanent financing also, included is an evaluation of the procedures for obtaining government sponsored financing through FHA, DVA, and Cal-Vet. The various loan sources currently being used in the marketplace today will be evaluated including, banks, savings and loans, insurance companies, mortgage companies, pensions, credit union and private parties.

### **REAL ESTATE 9**

#### **Real Estate Appraisal I 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

The purposes of appraisals, the appraisal process, and the different approaches of valuation. The methods and techniques used to determine the value of various types of properties; The market comparison and cost approaches are emphasized, plus an introduction to investment property valuation by the income approach.

### **REAL ESTATE 11**

#### **Escrow Principles 3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

The principles used in handling escrows involving land titles, including the various forms and procedures used by escrow departments of banks, title companies, and escrow firms. Sample forms are completed by the students.

### **REAL ESTATE 14**

#### **Property Management 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

Intended for individuals planning to become real estate operators or owners of income-producing properties. Topics covered include nature and types of property management, organization for management, leases and contracts, rent scheduling, selling of space and techniques of renting, tenant selection and supervision, relations with owners and budgets, purchasing and accounts, reporting, ethics, and legal and professional relationships.

### **REAL ESTATE 18**

#### **Real Estate Investments I 3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

An advanced course. A thorough analysis is made of the investment factors that determine the evaluation of commercial, industrial, and residential projects, including location, feasibility studies, zoning and other record restrictions, financing, sale and leaseback, and condominiums.

### **REAL ESTATE 21**

#### **Real Estate Economics 3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

This course covers the fundamentals of economic trends and factors which affect the real estate market. Topics covered include: urban structural

relationships, real estate market analysis, problems of sub-division, and governmental relationship to real estate development.

**REAL ESTATE 60**  
**Real Estate Mathematics**  
**3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

This course consists of a series of typical real estate mathematics problems which are most common in actual practice, as well as those necessary for other real estate courses and those found in the California Real Estate Licensing examinations.

**SUPERVISION**

**SUPERVISION 1**  
**Elements of Supervision**  
**3 UNITS - (CSU)**

Open to all students.

Advisory: English 28/31 or equivalent.

This course is designed to develop leadership ability for those in supervisory positions in business and industry. Topics discussed include method of training employees, employee rating, improving quality of production, improving personal leadership, interpreting organization policies, and improving communications skills.

**SUPERVISION 12**  
**Written Communications for Supervisors**  
**3 UNITS - (A)**

Advisory: English 28/31 or equivalent.

This course teaches the fundamentals of written communications, aimed at managers and supervisors. Includes principles of business letter writing, audience analysis, preparation of memos, reports and technical documentation.



**CHEMISTRY**

**Chairs: Elaine Carter**  
**(323) 953-4000 ext. 2600 •**  
**Chem105A**

[www.lacitycollege.edu/academic/departments/chemistry/chem.htm](http://www.lacitycollege.edu/academic/departments/chemistry/chem.htm)

**PROGRAMS OFFERED**  
**Associate of Science**  
**Chemistry - General**

**DEGREE PROGRAM**

**CHEMISTRY- GENERAL**  
**Associate of Science Degree**  
**Transfer Program**

This Associate of Science degree provides the student with preparatory course work, allowing transfer to a four-year university as a junior in chemistry or related physical sciences. Individuals who earn the degree with a major in chemistry will find many desirable entry-level jobs in chemistry and manufacturing.

| <b>COURSES</b>                                          | <b>UNITS</b> |
|---------------------------------------------------------|--------------|
| <b>First Semester</b>                                   |              |
| Chemistry 101 .....                                     | 5            |
| Mathematics 261 .....                                   | 5            |
| Physics 1 .....                                         | 4            |
| English 101 .....                                       | 3            |
| <b>Second Semester</b>                                  |              |
| Chemistry 102 .....                                     | 5            |
| Mathematics 262 .....                                   | 5            |
| Physics 2 .....                                         | 4            |
| <b>Third Semester</b>                                   |              |
| Chemistry 211 .....                                     | 5            |
| Mathematics 263 .....                                   | 5            |
| Physics 3 or Mathematics 270 or General Education ..... | 3-4          |
| General Education .....                                 | 3            |
| <b>Fourth Semester</b>                                  |              |
| Chemistry 212 .....                                     | 5            |
| <b>Total Units</b> .....                                | <b>52-53</b> |

|                                                                                                                              |     |
|------------------------------------------------------------------------------------------------------------------------------|-----|
| One course from Physics 3, Mathematics 270 or Mathematics 275<br>not taken in the third semester, or General Education ..... | 3-4 |
| Physics 4 or General Education .....                                                                                         | 3-4 |
| General Education .....                                                                                                      | 3   |

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

**TRANSFER LIMITS:** UC gives no credit for Chemistry 51, 60, 68 if taken after Chemistry 101.

### CHEMISTRY ENROLLMENT INFORMATION

Enrollment in all chemistry classes is based on completion of the required prerequisites with satisfactory grades or better.

The Chemistry Placement assessment for Chemistry 101 covering algebra and basic Chemistry, is given at the first meeting of class and may be used as a basis for reclassification. The placement assessment for Chemistry 60 covers arithmetic (word problems, percent, decimals, and fractions) and basic algebra; and is given at the first meeting of class.

The assessment will be used to advise students about enrollment in the proper Mathematics course. All Chemistry classes recommend eligibility for English 28 or its equivalent or concurrent enrollment in Learning Skills 1, Reading, and Learning Skills 7, Basic Composition, and Speech Communication 113. To confirm enrollment in Chemistry Department classes, bring your College assessment score card, and proof of the prerequisites completed to the first class meeting.

### CHEMISTRY 51 Fundamentals of Chemistry I 5 UNITS - (UC:CSU)

Advisory: Mathematics 115 or one year of high school algebra.  
Lecture 3 hours. Laboratory 4 hours.

Chemical phenomena, methodology, and theory are studied in the context of social, political, and economic issues. Fundamental chemical principles are developed and applied within the study of selected instructional modules, such as atmospheric gases, acid rain, nuclear fission, solar energy, drugs, and nutrition. The laboratory component gives students experience in the general procedures used by chemists and the uncertainty involved in operations.

### CHEMISTRY 60 Introduction to General Chemistry 5 UNITS - (UC:CSU)

Prerequisite: One year of high school Algebra or Mathematics 115.  
Advisory: Eligibility for English 28/31 or equivalent. See "Chemistry Enrollment Information".

Lecture 3 hours. Laboratory 4 hours.

A general, basic chemistry course with laboratory, emphasizing fundamental principles of inorganic and physical chemistry, nomenclature of inorganic compounds, ionic and covalent bonding, problem solving, gas laws, and solutions. This course meets the Pre-Nursing and Allied Health Science requirements for a one-semester inorganic chemistry class with laboratory, and serves as preparation for Chemistry 101 (for students who have completed Mathematics 125 but whose chemistry background is inadequate).

### CHEMISTRY 68 Preparation for General Chemistry 5 UNITS - (UC:CSU)

Prerequisite: Math 115 or appropriate score on the placement assessment.  
Advisory: Eligibility for English 28/31 or equivalent.

A general basic chemistry course with laboratory and conference sections, emphasizing fundamental principles of inorganic and physical chemistry, nomenclature of inorganic compounds, ionic and covalent bonding, problem solving, gas laws and solutions.

### CHEMISTRY 101 General Chemistry I 5 UNITS - (UC:CSU)

Prerequisite: High school Chemistry, or Chemistry 60 or 68 and Mathematics 125 with a satisfactory grade.

Advisory: English 28/31 or equivalent.

Concurrent enrollment in Mathematics 260 or 261 is desirable. Students whose Chemistry background is inadequate or dates back many years should take appropriate mathematics courses and Chemistry 60 in preparation for Chemistry 101. See "Chemistry Enrollment Information."

Lecture 3 hours. Laboratory 4 hours. Conference 2 hours.

Lecture topics include atomic structure, theories of bonding and molecular geometry, chemical equations and stoichiometry, thermochemistry, solid, liquid, and gaseous states, gas laws, solutions and colligative properties, periodic relationships and acid-base theories. Laboratory exercises are mainly quantitative in nature and are related to the lecture topics.

### CHEMISTRY 102 General Chemistry I 5 UNITS - (UC:CSU)

Prerequisites: Chemistry 101 and Mathematics 125 with a satisfactory grade.

Advisory: English 28/31 or equivalent. See "Chemistry Enrollment Information".

Lecture 3 hours. Laboratory 4 hours. Conference 2 hours.

Lecture topics include chemical kinetics, general and ionic equilibrium, thermodynamics, electrochemistry and redox systems, structure and bonding in transition metal complexes and carbon compounds. Laboratory work includes qualitative and quantitative analysis; techniques applied to the analysis of salts and ions and chromatography of metal ions. Equilibrium constant and heats of reaction are determined by potentiometric titration calorimetry and spectrophotometry.

### CHEMISTRY 211 Organic Chemistry for Science Majors I 5 UNITS - (UC:CSU)

Prerequisites: Chemistry 101 and 102 with satisfactory grades or better.

Advisory: English 28/31 or equivalent.

See "Chemistry Enrollment Information."

Introduces the structure, nomenclature and reactions and properties of organic compounds. Introduces spectroscopy as applied to organic compounds.

Preparation and isolation of organic compounds and determination of their physical properties are studied in the laboratory.

### **CHEMISTRY 212**

#### **Organic Chemistry for Science Majors II 5 UNITS - (UC:CSU)**

Prerequisite: Chemistry 211 with satisfactory grade or better.

Advisory: English 28/31 or equivalent.

Introduces the structure, reactions, nomenclature and properties of organic compounds, and spectroscopic techniques. Laboratory work includes the synthesis of compounds, the use of spectroscopy and the determination of reaction kinetics.

### **CHEMISTRY 221**

#### **Biochemistry for Science Majors I 5 UNITS - (UC[pending]:CSU)**

Prerequisite: Chemistry 211 with satisfactory grade or better.

This course is intended as a preparation for careers in the physical and biological sciences, medical and dental professions, veterinary and agricultural science, nutrition and food chemistry, and related fields. Topics relate to the chemistry and metabolism of biological compounds and include discussion of proteins, lipids, carbohydrates and nucleic acids. Laboratory work includes electrophoresis, chromatography, spectroscopy, and enzyme purification and kinetics.

#### **CHEMISTRY 185 Directed Study - 1 UNIT (CSU) (RPT2)**

#### **CHEMISTRY 285 Directed Study - 2 UNIT (CSU)**

#### **CHEMISTRY 385 Directed Study - 3 UNIT (CSU)**

Students pursue Directed Study in Chemistry on a contract basis under the direction of a supervising instructor.



**Chair: Kathleen Bimber**

**(323) 953-4000 ext. 2290 • AD 200**

**Vice Chair: Cheryl Werble**

**(323) 953-4000 ext. 2292 • AD 300**

[www.lacitycollege.edu/academic/departments/childdev/index.html](http://www.lacitycollege.edu/academic/departments/childdev/index.html)

## **PROGRAMS OFFERED**

**Associate of Arts:**

**Child Development - Transfer  
Child Development - Vocational  
(2 & 3 year plans)**

## **Certificates:**

**Child Development Teacher  
Child Development Teacher - Master Teacher  
Child Development Site Supervisor**

## **Skill Certificates:**

**Child Development Associate Teacher  
Infant & Toddler Studies  
School Age Programs  
Children with Special Needs**

## **DEGREE PROGRAMS**

Students wishing to prepare for employment in early childhood programs, and those currently employed may select several alternative patterns of study in the Child Development Program. The curriculum prepares students to teach or administer programs for young children, which include: Private Early Childhood Programs, Head Start, other publicly supported programs, Infant and School Age Programs, inclusion programs and children with special needs.

Courses allow the student to prepare for increasingly higher levels of employment and certification. It is possible to prepare for the educational requirements of the State Department of Social Services, the California Child Development Permit, the Associate in Arts Degree in Child Development or the Transfer Program.

### **PLANNING AHEAD:**

- **Mantoux test:** Some Child Development courses may require you to obtain a Mantoux test for Tuberculosis. The college Health Center provides this service. Please call ahead for days and times the Health Center provides this service.
- **Criminal Clearance:** In order to fulfill State licensing requirements for employment in private and public programs you must receive a Criminal Clearance to work with young children. Consult with faculty for additional information.
- **CPR Class:** Your employer may require you to take a 15 hour Cardiopulmonary Resuscitation class. This class covers training on basic first aid for infants and children, CPR techniques as well as information on basic health and sanitation procedures.

**NOTE:** A total of 12 units of course work in Child Development may be accepted from an accredited college in the United States toward an Associate in Arts degree under the following conditions:

- Course work from the outside college is based on a semester system.
- Course work is equivalent to an LACC Child Development course.
- A maximum of 6 semester units of equivalent Child Development courses may be used toward the "core" Child Development courses (CD 1, 2, 3 or 4 and 11).
- A total of 12 units may be used toward equivalent electives (Plan B only).
- Course work was completed within the last 10 years. Students submit a petition to the Admissions office with attached documentation.

## CHILD DEVELOPMENT - "PLAN A"

### Associate of Arts Degree

#### Transfer Program

60 units minimum with at least 18 units in Child Development.

Note: Co-requisites or Advisories of English 21 or 73 and 28 or 31, or equivalent, are required for many Child Development courses.

| REQUIRED COURSES           | UNITS     |
|----------------------------|-----------|
| Child Development 1 .....  | 3         |
| Child Development 2 .....  | 3         |
| Child Development 3 .....  | 3         |
| Child Development 4 .....  | 3         |
| Child Development 10 ..... | 3         |
| Child Development 11 ..... | 3         |
| Child Development 34 ..... | 3         |
| <b>Total Units .....</b>   | <b>21</b> |

Note that some courses may be offered every other semester, or less frequently, or alternating day and evening.

All students must receive a satisfactory grade and have completed Child Development courses within 10 years, to meet requirements.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## CHILD DEVELOPMENT - "PLAN B"

### Associate of Arts Degree

#### Career Program

60 units with at least 36 units in Child Development.

| REQUIRED COURSES                   | UNITS     |
|------------------------------------|-----------|
| Child Development 1 .....          | 3         |
| Child Development 2 .....          | 3         |
| Child Development 3 .....          | 3         |
| Child Development 4 .....          | 3         |
| Child Development 10 .....         | 3         |
| Child Development 11 .....         | 3         |
| Child Development 22 .....         | 4         |
| Child Development 23 .....         | 4         |
| Child Development 65 .....         | 2         |
| <b>Subtotal - Core Units .....</b> | <b>28</b> |

**Plus 8 Electives Units:** Select additional courses from below to complete 36 units in the major.

Note: If working toward your Master Teacher Permit or LACC's Certificate 3 - Master Teacher, refer to Specialization Options section under Certificate 3 - Master Teacher for electives that satisfy the specialization requirement.

| COURSES                                                                     | UNITS |
|-----------------------------------------------------------------------------|-------|
| Child Development 30 .....                                                  | 3     |
| Child Development 31 .....                                                  | 3     |
| Child Development 34 .....                                                  | 3     |
| Child Development 35 .....                                                  | 3     |
| Child Development 38 .....                                                  | 3     |
| Child Development 39 .....                                                  | 3     |
| Child Development 42 .....                                                  | 3     |
| Child Development 44 .....                                                  | 3     |
| Child Development 45 .....                                                  | 3     |
| Child Development 46 .....                                                  | 3     |
| Child Development 47 .....                                                  | 3     |
| Child Development 48 .....                                                  | 3     |
| Child Development 53 .....                                                  | 3     |
| Child Development 70 .....                                                  | 3     |
| Child Development 84 .....                                                  | 0.5   |
| Child Development 85 .....                                                  | 0.5   |
| Family & Consumer Studies 21 .....                                          | 3     |
| Family & Consumer Studies 31 .....                                          | 3     |
| Music 130 Music for Early Childhood Education .....                         | 3     |
| Music 146 Music for Elementary School Teachers .....                        | 3     |
| Music 147 Multicultural Music Materials for Early Childhood Education ..... | 3     |

Consult with the department regarding specialization options to satisfy AA degree Plan B and Certificate 3 requirements.

- Note that some courses may be offered every other semester, or less frequently, or alternating day and evening.
- All students must receive a satisfactory grade or better and have completed Child Development courses within 10 years to meet requirements.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CHILD DEVELOPMENT - "PLAN B" (2-YEAR PLAN)

### Associate of Arts Degree

#### Career Program

Students with the objective of completing the Certificate Program in 2 years must be eligible for English 28/31, or have appropriate placement on the College Assessment, their **first** semester in order to meet course prerequisites or advisories. To receive a certificate students must have completed English 28 or 31 or equivalent with a satisfactory grade or have appropriate placement on the College Assessment.

## FIRST YEAR COURSES

---

### Fall Semester

Child Development 1  
Child Development 2  
Eng. 28 or 31 (Co-requisite for CD 2)  
Child Development 11

### Spring Semester

Child Development 3  
Child Development 10  
Child Development elective (select from electives listed above or from Specialization Options listed in Certificate 3-Master Teacher)  
Child Development 84 (an optional lab that provides support for CD 3, 4, 22 & 23 other courses)

## SECOND YEAR COURSES

---

### Fall Semester

Child Development 4  
Child Development 22  
Take 3 units from electives listed above or in Certificate 3-Master Teacher OR  
Take CD 38 if working toward Site Supervisor Certificate

### Spring Semester

Child Development 23  
Child Development 65  
Take 3 units from electives listed above or in Certificate 3 - Master Teacher OR  
Take CD 39 if working toward Site Supervisor Certificate

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CHILD DEVELOPMENT - PLAN B (3-YEAR PLAN)

### Associate of Arts Degree

#### Career Program

## FIRST YEAR COURSES

---

### Fall Semester

Child Development 1  
English 21 (Co-requisite for CD 1 & 11)  
Child Development 11

### Spring Semester

Child Development 2  
English 28/31 (Co-requisite for CD 2)  
Child Development 10

## SECOND YEAR COURSES

---

### Fall Semester

Child Development 3  
Child Development 84 (optional lab course designed to support CD 3, 4, 22 & 23 and other courses)  
Take 3 units from electives listed in Certificate 3 - Master Teacher OR  
Take CD 38 if working toward Site Supervisor Certificate (offered fall only)

### Spring Semester

Child Development 4  
Take 3 units from electives listed in Certificate 3 - Master Teacher OR Take CD 39 if working toward the Site Supervisor Certificate (offered spring only)  
Child Development 84 (optional lab course designed to support CD 3, 4, 22 & 23 and other courses)

## THIRD YEAR COURSES

---

### Fall Semester

Child Development 22  
Take 3 units from electives listed in Certificate 3 - Master Teacher.

### Spring Semester

Child Development 23  
Take CD 65 if working toward Certificate 3 - Master Teacher.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

The Certificate in Child Development will be issued by the Family & Consumer Studies/Child Development Department after completing requirements with at least a "C" grade in courses taken within 10 years. Students must also complete English 28 or 31 or higher or may satisfy this requirement through appropriate placement on the College Assessment, in order to qualify for most certificates. The student may obtain the application for a certificate from the Family & Consumer Studies/Child Development Department. Applications must be returned to the Admissions Office by the 9th week of the Fall and Spring semesters. Students with courses in progress must pick up an "In Progress" form from AD 200 or 317, obtain instructor signatures and return it to the office by the 9th week. Students applying for Certificates with course work in progress will receive their official certificate upon verification of a satisfactory grade.

NOTE: Students with the objective of completing the Certificate Program in 2 years must be eligible for English 28 or 31, their first semester in order to meet course prerequisites or advisories. Students may also satisfy this English requirement through the appropriate placement on the College Assessment.

NOTE: All Child Development "core" courses for Skill Certificate 1 - Associate Teacher must be taken at LACC or another college in the Los Angeles Community College District.

## CHILD DEVELOPMENT - ASSOCIATE TEACHER

### Skill Certificate 1

This skill certificate is the first step on the early childhood career ladder. Recipients of this certificate meet the minimum State requirements to teach in a private preschool, or school-age program, and with the addition of CD 30, infant program. With work experience, students may qualify for the California Child Development Permit: Associate Teacher level.  
12 Child Development units plus 3 units in English

| REQUIRED COURSES               | UNITS     |
|--------------------------------|-----------|
| Child Development 1 .....      | 3         |
| Child Development 2 .....      | 3         |
| English 28/31 .....            | 3         |
| Child Development 11 .....     | 3         |
| Child Development 3 OR 4 ..... | 3         |
| <b>Total Units</b> .....       | <b>15</b> |

- **Note:** co-requisite or advisory requirements for Eng. 21 or 73 & 28 or 31 for above classes. You may also satisfy this requirement through appropriate placement on the College Assessment.
- To qualify for Title 22, Director, take above core units and CD 38 Administration & Supervision of Early Childhood Programs I.

## CHILD DEVELOPMENT TEACHER

### Certificate 2

This certificate, along with 16 general education units and work experience make the recipient eligible for the California Child Development Permit: Teacher level. Recipients of this certificate may teach in private or public preschool, school-age programs, and with the addition of CD 30, infant programs.

12 Child Development units from Certificate I, plus 3 units English PLUS

| REQUIRED COURSES           | UNITS     |
|----------------------------|-----------|
| Child Development 3 .....  | 3         |
| Child Development 4 .....  | 3         |
| Child Development 10 ..... | 3         |
| Child Development 22 ..... | 4         |
| Child Development 23 ..... | 4         |
| <b>Total Units</b> .....   | <b>29</b> |

**Note:** To complete requirements for a California Child Development Permit at Teacher level, add 16 general education units including Humanities, Social Science, Math/Science and English. Consult with a Counselor regarding general education requirements.

## CHILD DEVELOPMENT MASTER TEACHER

### Certificate 3

This certificate enables the recipient to not only teach, but also to supervise other child development teachers and staff. Some responsibilities of the Master Teacher might include: developing and implementing age-appropriate curriculum within a safe, healthy and stimulating environment, supervision of classroom staff, creating positive communication links with parents, school and community. Additionally, the Master Teacher Certificate is designed to meet the requirements for the major and for the Associate of Arts degree in Child Development, Plan B. Students interested in transferring to a four year institution should follow Plan A transfer requirements. With work experience and 16 general education units, students may also qualify for the California Child Development Permit: Master Teacher level.

## 36-38 Child Development units

Meets requirements for Plan B Associate of Arts Major in Child Development. (To complete the General Education requirements for AA degree, consult with a Counselor.)

**Note:** To meet the requirements for Master Teacher Certificate, students will have completed units from Certificate 2 and need to complete additional specialization elective units to total 37 Child Development units. (See specialization elective units. Specialization units are required for if students wishes to obtain the CA Child Development Permit: Master Teacher level.)

### 29 units from Certificate 2 (includes English 28), PLUS COURSES

| COURSES                                                          | UNITS     |
|------------------------------------------------------------------|-----------|
| Child Development 65 .....                                       | 2         |
| Specialization units<br>(refer to specialization options below 6 |           |
| <b>Total Units</b> .....                                         | <b>37</b> |

(Consult with Child Development faculty for other specialization options.)

|                                |       |
|--------------------------------|-------|
| Child Development 30 .....     | 3     |
| And Child Development 31 ..... | 3     |
| Child Development 44 .....     | 3     |
| And Child Development 45 ..... | 3     |
| Child Development 46 .....     | 3     |
| And Child Development 47 ..... | 3     |
| Child Development 48 .....     | 3     |
| And Child Development 53 ..... | 3     |
| Or FCS 31 .....                | 3     |
| Child Development 10 .....     | 3     |
| And FCS 21 .....               | 3     |
| Child Development 42 .....     | 3     |
| And Music 147 .....            | 3     |
| Music 130 and Music 147 .....  | 3 - 3 |

## CHILD DEVELOPMENT SITE SUPERVISOR

### Certificate 4

This certificate is the highest certificate offered by the Child Development program. Recipients of this certificate are qualified to supervise an entire program at one site. Some responsibilities of site supervisors include the following: use of positive leadership skills to implement the sites' philosophy, adherence to state and federal licensing requirements, budget implementation, enforcement of enrollment/registration policies and procedures, hire, inspire and supervise all staff, foster positive communication links between home, school and community, maintain appropriate health, safety and nutrition standards, supervision of curriculum and schedule development. Students wishing to obtain the California Child Development Permit: Site Supervisor level, must meet experience requirements, obtain an Associate of Arts degree, and meet the requirements listed below.

26 units from Certificate 2, plus 3 Units of English, PLUS

| COURSES                    | UNITS     |
|----------------------------|-----------|
| Child Development 38 ..... | 3         |
| Child Development 39 ..... | 3         |
| Child Development 65 ..... | 2         |
| <b>Total</b> .....         | <b>37</b> |

The following certificates are designed for students interested in specializing in Infant/Toddler or School Age Programs.

Note: English 21 or 73 or 28 or 31 or co-requisites are required for most courses, or you may satisfy this requirement through appropriate placement on the College Assessment.

## INFANT & TODDLER STUDIES

### Skill Certificate

The Infant & Toddler Studies skill certificate qualifies the student for the most entry-level teacher position within private infant/toddler programs. Infant/Toddler teachers are responsible for supervising the care and development of children birth through 2 ½ years old. Some responsibilities may include: developing and sustaining caring, loving, respectful relationships, designing developmentally age-appropriate curriculum, organizing parent conferences and establishing clear daily communications with parents and other caregivers.

| COURSES                                      | UNITS     |
|----------------------------------------------|-----------|
| Child Development 30 .....                   | 3         |
| Child Development 31 .....                   | 3         |
| Child Development 1 .....                    | 3         |
| Child Development 10 .....                   | 3         |
| Child Development 34 .....                   | 3         |
| Note: English 28 is a prerequisite for CD 34 |           |
| <b>Total Units</b> .....                     | <b>15</b> |

## SCHOOL AGE PROGRAMS

### Skill Certificate

This skill certificate qualifies students for the an entry level teacher position within school-age programs. School-age program teachers work with children from kindergarten through middle school, in before and/or after school programs. Some responsibilities might be to design and implement developmentally age-appropriate activities that are fun exciting and challenging to a variety of age groups. Note: English 28/31 is required for all certificates.

| COURSES                                                              | UNITS     |
|----------------------------------------------------------------------|-----------|
| Child Development 46 .....                                           | 3         |
| Child Development 47 .....                                           | 3         |
| Child Development 1 .....                                            | 3         |
| Child Development 11 .....                                           | 3         |
| <b>ADD one electives: 3 units-chosen from the following courses:</b> |           |
| Child Development 10 .....                                           | 3         |
| Child Development 42 .....                                           | 3         |
| Child Development 44 .....                                           | 3         |
| Child Development 45 .....                                           | 3         |
| English 218 .....                                                    | 3         |
| Music 146 .....                                                      | 3         |
| <b>Total Units</b> .....                                             | <b>15</b> |

## CHILDREN WITH SPECIAL NEEDS

### Skill Certificate

| COURSES                    | UNITS     |
|----------------------------|-----------|
| Child Development 1 .....  | 3         |
| Child Development 10 ..... | 3         |
| Child Development 11 ..... | 3         |
| Child Development 44 ..... | 3         |
| Child Development 45 ..... | 3         |
| <b>Total Units</b> .....   | <b>15</b> |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent to receive a certificate.

### CHILD DEVELOPMENT 1

#### Child Growth and Development

#### 3 UNITS - (UC:CSU)

Co-requisite: English 21 or equivalent.

Advisory: Lab Learning Skills 3 E Child Development Vocabulary (1 unit).

An introductory Child Development course covering the theoretical concepts of human development, focusing on growth and development from conception through adolescence. The physical, cognitive and psychosocial domains of development and the ways in which nature and environment influence growth, will be studied within a cultural and family context. Students identify strategies that facilitate development and promote healthy child development.

### CHILD DEVELOPMENT 2

#### Early Childhood Principles and Practices

#### 3 UNITS - (CSU)

Co-requisite: English 28/31 or equivalent, and Child Development 1.

Verification of annual Mantoux test (or chest x-ray) is required.

Current practices in Early Childhood Education programs are compared and contrasted. The criteria for appropriate learning environments, materials, and teacher qualifications are related to the total development of the program.

### CHILD DEVELOPMENT 3

#### CREATIVE EXPERIENCES FOR CHILDREN I

#### 3 UNITS - (CSU)

Prerequisite: Child Development 2 or equivalent.

Students develop and implement creative curriculum for young children.

Activities include: sensorimotor, manipulative, art, music, movement, and dramatic play experiences. Emphasis is on environments that promote creativity and the role of the teacher. Enrollment recommended in CD 84: Child Development Lab one hour TBA a week to develop activities and lessons.

### CHILD DEVELOPMENT 4

#### Creative Experiences for Children II

#### 3 UNITS - (CSU)

Prerequisite: Child Development 2 or equivalent.

Implementation and evaluation of curriculum in the areas of language arts, natural and physical sciences, mathematics, and the social sciences.

Emphasis of discussion is on creating an environment to support a balance of

child initiated and teacher initiated experiences. Enrollment recommended in CD 84: Child Development Lab, one hour TBA a week to develop activities and lessons.

### **CHILD DEVELOPMENT 10**

#### **Child Health**

#### **3 UNITS - (CSU)**

Co-requisite: English 21 or equivalent.

Current information on young children's nutritional needs, physical and emotional well-being. Emphasis is on common childhood diseases, special health problems, environmental safety and first aid.

### **CHILD DEVELOPMENT 11**

#### **Home, School and Community Relations**

#### **3 UNITS - (CSU)**

Co-requisites: English 21 or equivalent.

This course is designed to study the interaction of the family, school and community and its' affects on the child. Some topics covered are: social influences on parenting styles, communication, child-rearing and the relationships between the child, family and the school is studied.

### **CHILD DEVELOPMENT 22**

#### **Practicum in Child Development I**

#### **4 UNITS - (CSU)**

Prerequisite: Child Development 3 and 4 or equivalent. Verification of current I Mantoux test (or chest x-ray) is required.

Lecture 2 hours. Laboratory 6 ½ hours per week.

Note: To be eligible for field placement, students must be available two days a week, either from 8:00 am – 12:30 pm, or 12:00 pm – 4:00 pm, on a Monday/Wednesday, or Tuesday/Thursday, or a Wednesday/Friday.

Students are assigned to a child development center under supervision of a college instructor to reinforce theory and to develop teaching techniques by working with children and staff.

### **CHILD DEVELOPMENT 23**

#### **Practicum in Child Development II**

#### **4 UNITS - (CSU)**

Prerequisite: Child Development 22 or equivalent. Verification of current Mantoux test (or chest x-ray) is required.

Lecture 2 hours. Laboratory 6 ½ hours per week.

Note: To be eligible for field placement, students must be available two days a week, either from 8:00 am – 12:30 pm, or 12:00 pm – 4:00 pm, on a Monday/Wednesday, or Tuesday/Thursday, or a Wednesday/Friday.

An advanced practicum experience. Students assigned to directed practicum teaching in a child development center, supplemented by the college instructor.

### **CHILD DEVELOPMENT 30**

#### **Infant and Toddler Studies I**

#### **3 UNITS - (CSU)**

Co-requisite: English 21 or equivalent.

May be offered in alternate semesters. A study of infant/toddler development from birth through toddlerhood. The birth process, attachment, temperament and development: physically, cognitively, and socially/emotionally will be included. Responsive parenting/care-giving and culturally sensitive environments that support development will be covered.

### **CHILD DEVELOPMENT 31**

#### **Infant and Toddler Studies II**

#### **3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

May be offered in alternate semesters. Principles of inclusive, respectful care-giving for infants and toddlers within a variety of program designs. Topics cover typical and atypical development; age-appropriate environments ; health, safety and licensing issues, as well as observation assessments, family communications, home visiting, resources, and current research.

### **CHILD DEVELOPMENT 34**

#### **Observing and Recording Children's Behavior**

#### **3 UNITS - (CSU)**

Prerequisite: Child Development 1 or equivalent and English 28/31 or higher. Verification of annual Mantoux test (or chest x-ray) is required.

Students observe, record and interpret children's behavior in a variety of settings. Students will apply this information to adapt the environment and curriculum to meet the individual needs of children within an early Childhood Program.

### **CHILD DEVELOPMENT 35**

#### **Fostering Literacy Development in Young Children**

#### **3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

May be offered in alternate semesters. Students interested or currently working in the field of early childhood education will build skills in promoting literacy in children birth through age five. Students will develop a strong foundation in early reading and writing within a developmentally appropriate approach.

### **CHILD DEVELOPMENT 38**

#### **Administration and Supervision of Early Childhood Programs I**

#### **3 UNITS - (CSU)**

Prerequisite: Child Development 3 or 4 and 11 or equivalent.

May be offered in alternate semesters. Prepares the student to establish and administer an early childhood program. Financial aspects of administration and legal rules and regulations pertaining to administration are emphasized. The course partially fulfills the State licensing requirements for the director.

### **CHILD DEVELOPMENT 39**

#### **Administration and Supervision of Early Childhood Programs II**

#### **3 UNITS - (CSU)**

Prerequisite: Child Development 3 or 4 and 11 or equivalent.

May be offered in alternate semesters. This course contains an in-depth study of administration in early childhood programs. It includes proposal writing, discussion of licensing requirements, budget analysis, small business management, staff development, advocacy issues and development of a comprehensive parent education program.

### **CHILD DEVELOPMENT 42**

#### **The Child in a Diverse Society**

#### **3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

May be offered in alternate semesters. This course presents the philosophy and methods related to working with/young children and their families within a diverse society including ethnicity, language, culture, gender age, social class and exceptionality. Curriculum development, problem solving techniques and environmental designs will be studied from an inclusive perspective.

**CHILD DEVELOPMENT 44****Programs for Children with Special Needs II  
3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

May be offered in alternate semesters. This course is designed for students interested in specializing in or working with children with special needs. Instruction focuses on accommodating and adapting the physical environment, instructional strategies and curriculum to meet the needs of differently abled children and their families.

**CHILD DEVELOPMENT 45****Programs for Children with Special Needs I  
3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

Verification of Mantoux test (or chest x-ray) is required.

May be offered in alternate semesters. An introduction to the study of programs for exceptional children and the inclusion of these children into educational settings as close to their typically developing peers as possible. A survey of disabilities from a child development perspective includes definition, characteristics and educational implications.

**CHILD DEVELOPMENT 46****School Age Programs I  
3 UNITS - (CSU)**

Co-requisite: English 21 or higher or appropriate placement score.

May be offered in alternate semesters. The student will be introduced to the care of school age children. This course is designed for those currently working, or planning to work in before and after school child care. Students will develop age-appropriate curriculum, learn how to support the family and make use of community resources.

Note: Students must complete 1 hour TBA each week observing and/or participating in school-age program.

**CHILD DEVELOPMENT 47****School Age Programs II  
3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

May be offered in alternate semesters. Students will be introduced to school age childcare programs. Designed for those planning to work or are working before and after school child care programs. Topics to be covered will be guidance of children's behavior, the child in context of family and community, and administration of programs.

Note: Students must complete 1 hour TBA each week observing and/or participating in school-age program.

**CHILD DEVELOPMENT 48****Positive Guidance in Early Childhood Settings  
3 UNITS - (CSU)**

Prerequisite: Child Development 2 or equivalent.

May be offered in alternate semesters. Exploration of developmentally appropriate management techniques for children in early childhood settings. Emphasis is on developing culturally sensitive individualized plans for behavior management of traditional and special needs children.

**CHILD DEVELOPMENT 53****Parenting  
3 UNITS - (CSU)**

Advisory: Child Development 1, Child Development 2, and English 21.

May be offered in alternate semesters. Designed to assist parents and others interested in parent training, in developing a philosophy & guidelines for effective parenting. Parent-child relationships, alternatives in parenting style, and the impact of family dynamics is explored.

**CHILD DEVELOPMENT 65****Adult Supervision and Early Childhood Mentoring  
2 UNITS - (A)**

Prerequisite: Child Development 23 or 38 and 39 or equivalent.

This course satisfies the Child Development Permit Master Teacher adult supervision requirement and is designed for students who currently, or will supervise adults in an early childhood program. Students compare methods and principles of supervision and mentoring as well as how to develop positive team relationships and utilize conflict resolution techniques. Additional emphasis is placed on advocacy and professional development as well as special issues effecting ECE supervision.

**CHILD DEVELOPMENT 70****Parent-Child Interaction  
2 UNITS - NDC**

May be offered in alternate semesters. A parenting class involving practical application of Child Development principles and knowledge of developmental stages to the parent child relationship. It will include discussion and lecture covering strategies for day-to-day success in parent child interaction.

**CHILD DEVELOPMENT 84****Child Development Lab  
0.5 UNITS - (RPT 3)**

Co-requisite: One of the following Child Development 2, 3, 4, 10, 22, 23, 30, 31, 35, 42, 44, 45, 46, 47.

Students interested, or currently working in the field of Child Development may obtain technical support while using lab material, equipment and the Child Development lab Library resources to design lesson plans, games, and other curricular activities. A \$25.00 lab fee is required.

**CHILD DEVELOPMENT 85****Child Development Lab II  
0.5 UNITS - (RPT 3)**

Prerequisite: Child Development 84 or equivalent.

Students interested in continuing The Child Development Lab experience will focus on quality literary experiences such as exposure to age-appropriate literacy materials, and (modeling or practicing) library habits under the supervision of a literacy expert. Students will evaluate and analyze literacy materials, be able to write activity plans, and create instructional materials that support emerging literacy. A \$25.00 lab fee is required.

**CHILD DEV 185 Directed Study — 1 UNIT (CSU) (RPT 3)****CHILD DEV 285 Directed Study — 2 UNITS (CSU)****CHILD DEV 385 Directed Study — 3 UNITS (CSU)**

Allows the student to pursue directed study in Child Development on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalogue for additional information. A maximum of 3 units in Directed Study may be taken for credit.

**EDUCATION 203****Education in American Society  
3 UNITS – (CSU)**

The course is designed to provide future teachers with the fundamental knowledge essential for understanding the American educational enterprise. Concepts and methods from the fields of sociology, philosophy, and the politics of education are used to analyze the current conditions of urban schools and to evaluate selected proposals/models for reform. A minimum of 20 hours of observation and participation in a multicultural setting is required.



# CINEMA/ TELEVISION

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## PROGRAMS OFFERED

**Associate of Arts:**  
 Cinema Production  
 Television Production

**Certificates:**  
 Cinema Production  
 Cinema/Video Production  
 Television Production

**Skill Certificates:**  
 Beginning Cinema & Television Production  
 Cinema Post-Production  
 Cinematography  
 TV Studio Production - Level I

## DEGREE PROGRAMS

### CINEMA PRODUCTION

The Cinema-Television Department offers two Associate of Arts Degrees in Cinema. "Plan A" is for students planning to transfer to a four-year college or university. "Plan B" is a training program in motion picture production.

### CINEMA PRODUCTION – "PLAN A"

**Associate of Arts Degree**  
**Transfer Program**

For most four-year schools, the classes here are for preparatory purposes only and the classes are accepted only as electives. You must complete a total of 18 units in Cinema. See the counseling office for more details.

| REQUIRED CORE COURSES         | UNITS     |
|-------------------------------|-----------|
| Cinema 1 .....                | 3         |
| Cinema 2 .....                | 3         |
| Cinema 3 .....                | 3         |
| Cinema 4 .....                | 3         |
| <b>Total Core Units .....</b> | <b>12</b> |

Plus two Cinema Electives for a total of 6 units from any of the courses listed below: Cinema 5, 6, 7, 9, 10, 18, 20, 22, 25, 32, 33, 34, 35. Courses may be substituted under special circumstances and with departmental approval.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

### CINEMA PRODUCTION - "PLAN B"

**Associate of Arts Degree**  
**Career Program**

This curriculum in the Cinema-Television Department is designed for the student who wishes training in motion picture production. The course of study leads to an Associate of Arts degree in Cinema and/or a Cinema Production Certificate. An Associate of Arts degree with an emphasis in Cinema will be awarded to students who have completed a minimum of 36 units in Cinema and/or Television with a minimum of 31 units in Cinema. Supplies and books for production classes can vary from \$50-\$500 or more, depending upon the class and the scope of the student project.

All Cinema and Television courses must be completed with a satisfactory grade.

| REQUIRED CORE COURSES              | UNITS     |
|------------------------------------|-----------|
| Cinema 1 .....                     | 3         |
| Cinema 2 .....                     | 3         |
| Cinema 3 .....                     | 3         |
| Cinema 4 .....                     | 3         |
| <b>Subtotal - Core Units .....</b> | <b>12</b> |

Electives: Select additional courses from below to complete 24 additional units in the major.

| COURSES                                                             | UNITS |
|---------------------------------------------------------------------|-------|
| (Prerequisites may apply and must be followed.)                     |       |
| Cinema 5, 6, 7, 9, 10, 18, 20, 22, 25, 27, 32, 33, 34, 35, 38 ..... | 3     |
| Cinema 15, 16, 17 .....                                             | 4     |
| Cinema 911, 921 or 931 .....                                        | 3     |
| Law 33 .....                                                        | 3     |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**TELEVISION PRODUCTION**

The Cinema-Television Department offers two Associate of Arts Degrees in Cinema. "Plan A" is for students planning to transfer to a four-year college or university. "Plan B" is a training program in television production.

The Television major in the Cinema-Television Department has been designed to provide the student with a solid background in studio television production and post-production. Television 1, 4, and 9 must be completed first.

**TELEVISION PRODUCTION – “PLAN A”**

**Associate of Arts Degree  
Transfer Program**

For most four-year schools, the classes here are for preparatory purposes only and the classes are accepted only as electives. You must complete a total of 18 units in Television or Cinema. See the counseling office for more details.

| REQUIRED COURSES              | UNITS     |
|-------------------------------|-----------|
| Television 1 .....            | 3         |
| Television 4 .....            | 3         |
| Television 9 .....            | 3         |
| Television 46 .....           | 4         |
| <b>Total Core Units .....</b> | <b>13</b> |

Plus two Television electives for a total of 9 units from any of the courses listed below:

Television 6, 7, 25, 48, 49, 55, 60

Cinema 5, 6, 7, 9, 10, 18, 20, 22, 25, 32, 34. Courses may be substituted under special circumstances and with departmental approval.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

PLAN A: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**Television production – “PLAN B”**

**Associate of Arts Degree  
Career Program**

An Associate of Arts degree with an emphasis in Television will be awarded to students who have completed a minimum of 36 units in Cinema and/or Television with a minimum of 21 units in Television. All courses must be taken at LACC and completed with a satisfactory grade.

| REQUIRED CORE COURSES              | UNITS     |
|------------------------------------|-----------|
| Television 1 .....                 | 3         |
| Television 4 .....                 | 3         |
| Television 9 .....                 | 3         |
| Television 46 .....                | 4         |
| <b>Subtotal - Core Units .....</b> | <b>13</b> |

Electives: Select additional courses from below to complete 24 additional units in the major.

| COURSES                                                                                                                                         | UNITS |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| (Prerequisites may apply and must be followed.)                                                                                                 |       |
| Television 6, 7, 25, 48, 49, 55, 60 .....                                                                                                       | 3     |
| Television 46 .....                                                                                                                             | 4     |
| Suggested Electives: Cinema 1, 2, 3, 4, 5, 6, 7, 9, 10, 15, 16, 17, 20, 22, 25, 32, 33, 34, 35, 38; Television 911, 921, 931. (3 units maximum) |       |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**CERTIFICATE PROGRAMS**

**CINEMA PRODUCTION**

**Certificate**

A certificate in Cinema Production will be issued by the Cinema-Television Department upon application of the student with the Department Chair upon successful completion of the courses listed below. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                   | UNITS     |
|---------------------------|-----------|
| Cinema 1 .....            | 3         |
| Cinema 2 .....            | 3         |
| Cinema 3 .....            | 3         |
| Cinema 4 .....            | 3         |
| Cinema 5 .....            | 3         |
| Cinema 6 .....            | 3         |
| Cinema 9 .....            | 3         |
| Cinema 10 .....           | 3         |
| Cinema 20 .....           | 3         |
| Cinema 32 .....           | 3         |
| Law 33 or Cinema 33 ..... | 3         |
| <b>Total Units .....</b>  | <b>33</b> |

## CINEMA/VIDEO PRODUCTION

### Certificate

A certificate in Cinema Production will be issued by the Cinema-Television Department upon application of the student with the department upon successful completion of the courses listed below. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                      | UNITS     |
|------------------------------|-----------|
| Cinema 1 .....               | 3         |
| Cinema 2 .....               | 3         |
| Cinema 3 .....               | 3         |
| Cinema 4 .....               | 3         |
| Cinema 6 .....               | 3         |
| Cinema 9 .....               | 3         |
| Cinema 32 .....              | 4         |
| Television 4 or 9 .....      | 3         |
| Television 6 or 48 .....     | 3         |
| Television 46 .....          | 4         |
| Television 55 or TV 60 ..... | 3         |
| <b>Total Units</b> .....     | <b>34</b> |

## BEGINNING FILM & TELEVISION PRODUCTION

### Skill Certificate

A skills certificate in Beginning Film and Television Production will be issued by the Cinema-Television Department upon successful completion of the courses listed. All courses must be taken at LACC and completed with a satisfactory grade. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Cinema 1 .....           | 3         |
| Cinema 2 .....           | 3         |
| Television 4 .....       | 3         |
| Television 9 .....       | 3         |
| <b>Total Units</b> ..... | <b>12</b> |

## CINEMATOGRAPHY

### Skill Award

A skill certificate in Cinematography will be issued by the Cinema-Television Department upon successful completion of the courses listed. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Cinema 6 .....           | 3         |
| Cinema 7 .....           | 3         |
| Photography 7 .....      | 3         |
| Photography 10 .....     | 3         |
| <b>Total Units</b> ..... | <b>12</b> |

## CINEMA POST-PRODUCTION

### Skill Certificate

A skill certificate in Post-production will be issued by the Cinema-Television Department upon successful completion of the courses listed. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Cinema 9 .....           | 3         |
| Cinema 22 .....          | 3         |
| Cinema 32 .....          | 3         |
| Cinema 35 .....          | 3         |
| <b>Total Units</b> ..... | <b>12</b> |

## TELEVISION PRODUCTION

### Certificate

A certificate in Television Production will be issued by the Cinema-Television Department after successful completion of the courses listed below and application to the Chairman. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                                                          | UNITS     |
|------------------------------------------------------------------|-----------|
| Cinema 1 .....                                                   | 3         |
| Cinema 2 .....                                                   | 3         |
| Television 1 .....                                               | 3         |
| Television 4 .....                                               | 3         |
| Television 6 or 7 or other 3-unit Cinema/Television course ..... | 3         |
| Television 9 .....                                               | 3         |
| Television 46 .....                                              | 4         |
| Television 48 or 49 .....                                        | 3         |
| Television 55 .....                                              | 3         |
| Television 60 .....                                              | 3         |
| Additional Cinema/TV class or Co-Op Education class .....        | 3         |
| <b>Total Units</b> .....                                         | <b>34</b> |

## TELEVISION STUDIO PRODUCTION

### Skills Certificate (Level I)

A skills certificate in Television Studio Production (Level I) will be issued by the Cinema-Television Department upon successful completion of the courses listed. All courses must be taken at LACC and completed with a satisfactory grade.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Television 1 .....       | 3         |
| Television 4 .....       | 3         |
| Television 9 .....       | 3         |
| Television 46 .....      | 4         |
| <b>Total Units</b> ..... | <b>13</b> |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### CINEMA

Transfer Limit: UC maximum limit: refer to [www.assist.org](http://www.assist.org).

#### CINEMA 1

##### **Introduction to Motion Picture Production**

##### **3 UNITS - (UC:CSU)**

Required of all Cinema majors; open to all students.

Lecture 2 hours. Laboratory 2 hours.

A comprehensive introduction to film video production techniques and equipment. Proper procedures are explained for the use of cameras, lenses, filters, film stocks, lights, microphones, audio recorders, and other motion editing picture equipment. Attention is also given to production planning and post-production as well.

#### CINEMA 2

##### **Beginning Motion Picture Workshop**

##### **3 UNITS - (UC:CSU)**

Required of all Cinema majors.

Lecture 1 hour. Laboratory 4 hours.

Introductory workshop in practical filmmaking. Each student will be responsible for making several short films in digital video. Cinema 1 should be taken concurrently.

#### CINEMA 3

##### **History of Motion Pictures**

##### **3 UNITS - (UC:CSU)**

Required of all first semester Cinema majors; open to all others.

Lecture 2 hours. Laboratory 2 hours.

History of the development of motion pictures, with examples, from their beginnings to the present day. Emphasis is placed on the American feature film.

#### CINEMA 4

##### **History of the Documentary Film**

##### **3 UNITS - (UC:CSU)**

Required of all first semester Cinema majors; enrollment open to all others.

Lecture 2 hours. Laboratory 2 hours.

The development of films dealing with the truth. Films types seen and discussed include: historical, animated, propaganda, educational, commercial, cinema verite and direct cinema. Students will develop critical standards for judging documentary films.

#### CINEMA 5

##### **Introduction to Screenwriting**

##### **3 UNITS - (RPT 1) (CSU)**

Prerequisite: Cinema 1, 2, 3, and 4 with satisfactory grades or better.

Required of all Cinema majors.

Lecture 2 hours. Laboratory 2 hours.

Cinema majors will develop and write two short screenplays that they will produce in the advanced motion picture workshop (Cinema 15, 16, 17). UC limit: 5 combined with Theatre Arts courses: maximum, 12 units (see Theatre Arts).

#### CINEMA 6

##### **Motion Picture Photography**

##### **3 UNITS - (CSU)**

Prerequisite: Cinema 1, 2, 3, 4, with satisfactory grades or better.

Required of all Cinema majors.

Lecture 1 hour. Laboratory 3 hours.

Introduction to cinematography, including optics, photo emulsions, camera operation, laboratory procedures, terminology and aesthetics. Students will do individual and group projects using 16mm or digital video camera equipment.

#### CINEMA 7

##### **Advanced Cinematography and Creative Techniques**

##### **3 UNITS - (CSU)**

Prerequisite: Cinema 6 with a satisfactory grade or better.

Lecture 2 hours. Laboratory 2 hours.

An advanced course in creative cinematography covering sophisticated professional equipment and techniques used in the motion picture industry. Emphasis is placed on lighting and current industry standards.

#### CINEMA 15

##### **Motion Picture Workshop I**

##### **3 UNITS - (RPT 1) (CSU)**

Prerequisite: Cinema 5, 6, 9, 10, 11, and 20 with satisfactory grades or better.

For advanced LACC Cinema students.

Discussion 1 hour. Laboratory 9 hours.

Practical work in 16mm and Digital Video production. Lecture and laboratory workshop emphasizing the creative use of the camera, editing, sound, and production activities in relation to the fiction film format. Each student will be responsible for making a short film.

#### CINEMA 16

##### **Motion Picture Workshop II**

##### **3 UNITS - (A)**

Prerequisite: Cinema 5, 6, 9, 10, 11 and 20 with satisfactory grades or better.

For advanced LACC Cinema students.

Discussion 1 hour. Laboratory 9 hours.

The production of a short film or video project from script development and production packaging to the actual shooting, editing and mixing of the film or video.

## **CINEMA 17**

### **Advanced Motion Picture Post-Production**

#### **3 UNITS - (A)**

Prerequisite: Cinema 16 with a satisfactory grade.

Discussion 1 hour. Laboratory 9 hours.

Advanced film post-production methods are applied as students learn to prepare for release of a short film that has been produced in Cinema 15 and 16. Included techniques are flatbed or digital editing, foley effects, automatic dialog replacement, and re-recording.

## **CINEMA 18**

### **Main Currents in Motion Pictures**

#### **3 UNITS - (UC:CSU)**

(Same as Theater 507)

Prerequisite: Cinema 3 with a satisfactory grade.

Recent films are viewed and analyzed from many points of view.

## **CINEMA 20**

### **Business Aspects of Motion Picture Production**

#### **3 UNITS - (A)**

Prerequisite: Cinema 1, 2, 3,4, with satisfactory grades or better.

Survey of business practices including financing, production and distribution.

## **CINEMA 25**

### **Producing Digital Video Features**

#### **3 UNITS - (A)**

Digital Video (DV) has transformed feature film production and distribution.

Explore this new frontier and its new and proposed uses on the Internet.

## **CINEMA 32**

### **Editing Fundamentals**

#### **3 UNITS - (A)**

Prerequisite: Cinema 1, 2, 3 and 4 with satisfactory grades or better.

Lecture 1 hours. Laboratory 4 hours.

Intermediate students will learn the basics of editing with both traditional 16mm post-production equipment and basic non-linear digital.

## **CINEMA 33**

### **Digital Video Production Workshop I**

#### **3 UNITS - (A)**

Prerequisite: Cinema 1, 2, 3, and 4 with satisfactory grades or better.

Lecture 1 hours. Laboratory 4 hours.

Intermediate students will produce short video projects using basic digital video cameras and editing systems.

## **CINEMA 34**

### **Motion Picture Soundstage Production Practicum**

#### **3 UNITS - (A)**

Prerequisite: One of the following - Cinema 5, 6, 7, 9, 10 or 35 with satisfactory grades or better.

Lecture 1 hour. Laboratory 4 hours

Designed for students to gain practical experience in a specific area of motion picture soundstage production in order to develop the necessary skills needed in that field of the industry. Included skills are screenwriting, directing, production management, lighting, cinematography, sound recording and editing.

## **CINEMA 35**

### **Non-linear Editing with Final Cut Pro**

#### **3 UNITS - (A)**

Prerequisite: Cinema 11 or Cinema 32 with satisfactory grades or better.

Lecture 2 hours. Laboratory 2 hours.

Advanced film students are introduced to Macintosh Final Cut Pro non-linear software and are given lectures of film-to video and other post-production techniques.

## **CINEMA 38**

### **Modern Picture Stage Grip**

#### **3 UNITS - (A)**

Open to all students.

Lecture 2 hours. Laboratory 2 hours.

In this hands-on course, students will learn basic grip skills and operate equipment and tools used on location and the motion picture stage.

## **CINEMA 911 Cooperative Education— 1 UNIT - (RPT3)**

## **CINEMA 921 Cooperative Education— 2 UNITS**

## **CINEMA 931 Cooperative Education— 3 UNITS**

Prerequisite: Cinema 2 with a satisfactory grade or better.

Students receive credit for approved internships with an employer in the field of Motion Picture Production, under the direction of the Cooperative Education director. The worksite must be approved by the Department Chair.

## **TELEVISION 1**

### **Introduction to Television**

#### **3 UNITS - (CSU)**

A required basic course for all first semester Television majors.

Open to all students.

Lecture 3 hours.

A study of what's on Television and why, including the history of Radio and Television Broadcasting. Also covers costs, ratings, profits, the FCC rules, cable and pay Television.

Recommended elective for Journalism, Theatre and Public Relations.

## **TELEVISION 4**

### **Television Camera Lighting and Sound**

**3 UNITS – (A)**

A required basic course for all first semester Television majors.

Open to all students

Lecture 2 hours. Discussion 1 hour.

Emphasizes technical jobs in a TV studio: use of microphones and mixer, lights and dimmer, camera set up and control, etc.

## **TELEVISION 6**

### **Studio and Remote Production**

**3 UNITS - (RPT 1) (A)**

Prerequisite: Television 46 with a satisfactory grade or better.

Lecture 2 hours. Laboratory 5 hours.

Various camera set ups; lighting, editing procedures, mike placement and overall operation of such equipment operation. Television news studio and field production.

## **TELEVISION 7**

### **Television Announcing I**

**3 UNITS - (RPT 1) (CSU)**

Advisory: Eligibility for English 28/31 or equivalent.

Lecture 2 hours. Laboratory 2 hours.

Training in television announcing for newscasts, ad libbing, commercials, sports, weather and various other assignments

## **TELEVISION 9**

### **Introduction to TV Equipment Procedures**

**3 UNITS - (CSU)**

A required basic course for all first semester TV majors.

Open to all students.

Lecture 2 hours. Laboratory 1 hour.

The principles and operational techniques of basic television control room and studio equipment leading to first production of spots. Fundamental physical properties of sound, light and electricity, TV control room procedure, directing, script writing, story boarding and other producing tools.

## **TELEVISION 25**

### **Television and Film Dramatic Writing**

**3 UNITS - (RPT 1) (CSU)**

Open to all students.

Lecture 1 hour. Discussion 2 hours.

Professional methods and techniques of television writing for drama or comedy on film and tape. Also deals with obtaining an agent and selling a script.

## **TELEVISION 46**

### **Television Production**

**4 UNITS - (CSU)**

Prerequisite: Television 9 with a satisfactory grade.

Required of all Television majors.

Lecture 2 hours. Laboratory 4 hours. Discussion 2 hours.

Directing, writing, performing; use of cameras, videotape recorders, switcher, character generator, lighting and audio equipment.

## **TELEVISION 48**

### **Television Programming and Video Tape Production Workshop**

**3 UNITS - (CSU)**

Prerequisite: Television 46 with a satisfactory grade.

Required of all Television majors.

Lecture 1 hour. Laboratory 3 hours plus 1 lab hour by arrangement.

Advanced work in pre-producing, directing, producing, writing, operating remote equipment, and special effects.

## **TELEVISION 49**

### **TV Production Workshop**

**3 UNITS - (RPT 1) (A)**

Prerequisites: Television 46 with a satisfactory grade.

Lecture 1 hour. Laboratory 3 hours.

Training in the technical aspects of television production, including lighting, camera, videotape and character generator. No script writing or producing, this class is for technical crew only.

## **TELEVISION 55**

### **Digital Video Production Workshop I**

**3 UNITS - (A)**

Prerequisite: Cinema 1, 2, and Television 4, 9.

Lecture 1 hour. Laboratory 4 hours.

Intermediate television students will produce short video projects using basic digital video cameras and editing systems.

## **TELEVISION 60**

### **Non-linear Editing With Final Cut Pro**

**3 UNITS - (A)**

Prerequisite: Television 55 with a satisfactory grade.

Lecture 2 hours. Laboratory 2 hours.

Advanced film students are introduced to Macintosh Final Cut Pro non-linear software and are given lectures on film-to video and other post-production procedures.

## **TELEVISION 185 Directed Study — 1 UNIT - (CSU)**

## **TELEVISION 285 Directed Study — 2 UNITS - (CSU)**

## **TELEVISION 385 Directed Study — 3 UNITS - (CSU)**

Prerequisite: Television 9, 46 and 6 or 48 with satisfactory grades or better.

Courses limited to advanced LACC Television Students. Courses offered on a Credit/No Credit basis.

Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.

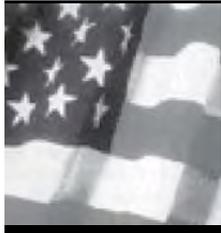
## **TELEVISION 911 Cooperative Education— 1 UNIT - (RPT1)**

## **TELEVISION 921 Cooperative Education— 2 UNITS**

## **TELEVISION 931 Cooperative Education— 3 UNITS**

Prerequisite: Television 46 with a satisfactory grade or better.

Students receive credit for approved internships with an employer in the field of Motion Picture Production, under the direction of the Cooperative Education director. The worksite must be approved by the Department Chair.



# CITIZENSHIP

## English Literacy & Citizenship

**Director: Nelines Paladini**  
**(323) 953-4000 ext. 2230 • AD100J**

[www.lacitycollege.edu/services/citizenship/index.html](http://www.lacitycollege.edu/services/citizenship/index.html)

### PROGRAMS OFFERED

#### Courses Only - No Degree/Certificate

The English Literacy & Citizenship Program provides an integrated program of services incorporating English literacy and civics education to prospective United States citizens, students, and members of the community. The classes provide English language instruction and knowledge on the rights and responsibilities of citizens through instruction and civics participation. The program provides assistance with the Naturalization process, pictures, applications, interview preparation, and follow-up with U.S. CIS. The services are at no cost and do not appear on the student's transcripts.

### COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings. All courses are open entry/open exit (no grade)

#### ENGLISH LITERACY AND CIVICS 0

**983-030 CE**

**0 UNITS**

This open-entry Literacy and Civics class will encompass all the content necessary in order to have a functioning understanding of the English language. Students will be exposed to a variety of contexts which will prepare them for encounters in the real world. The exposure in turn will provide them with basic survival skills and assist them in the immersion into a predominately English speaking society.

#### ENGLISH LITERACY AND CIVICS 1

**983-031 CE**

**0 UNITS**

This open-entry Literacy and Civics class will encompass all the content necessary in order to have a functioning understanding of the English language. Students will be exposed to a variety of contexts which will prepare them for encounters in the real world. The exposure in turn, will provide them with basic survival skills and assist them in the immersion into a predominately English speaking society.

#### ENGLISH LITERACY AND CIVICS 2

**983-032 CE**

**0 UNITS**

This open-entry course will review the content taught in English Literacy and Civics 0-1, build upon the grammatical and vocabulary structures taught in the previous two classes, and serve as a continuation into ESL level 2. The four components of Literacy will be covered: listening, speaking, reading and

writing. The emphasis on these four skills will be contextualized in order for the students to grasp everyday conversations, and situations they may encounter while completing forms such as job applications and US CIS (INS) forms.

#### CITIZENSHIP

**984-001 CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as Second Language (ESL) students who are preparing to take the U. S citizenship examination.

#### CITIZENSHIP THROUGH ENGLISH 1

**984-010 CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as a Second Language (ESL) student who are preparing to take the U. S citizenship examination.  
Primary level

#### CITIZENSHIP THROUGH ENGLISH 2

**984-011 CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as a Second Language (ESL) student who are preparing to take the U. S citizenship examination.  
Advanced primary level

#### CITIZENSHIP THROUGH ENGLISH 3

**984-012 CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as a Second Language (ESL) student who are preparing to take the U. S citizenship examination.  
Intermediate level

#### CITIZENSHIP THROUGH ENGLISH 4

**984-013 CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as a Second Language (ESL) student who are preparing to take the U. S citizenship examination.  
Advanced intermediate level

#### CITIZENSHIP THROUGH ENGLISH 5

**984-014 CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as a Second Language (ESL) student who are preparing to take the U. S citizenship examination.  
Advanced level

## **CITIZENSHIP THROUGH ENGLISH 6**

**984-015CE**

**0 UNITS**

This competency-based, open-entry citizenship course introduces U. S. history and government with the appropriate English vocabulary and grammar structure for beginning English as a Second Language (ESL) student who are preparing to take the U. S citizenship examination.

Advanced

## **SURVIVAL AND PRE-ACADEMIC ESL 0**

**402-006 CE**

**0 UNITS**

Survival and Pre-academic ESL for students who speak little or no English. Listening, speaking, reading and writing; emphasis on practical vocabulary and basic grammatical structures in context.

## **SURVIVAL AND PRE-ACADEMIC ESL 1**

**402-007CE**

**0 UNITS**

Survival and Pre-academic ESL for students who speak little or no English. Listening, speaking, reading and writing; emphasis on practical vocabulary and basic grammatical structures in context.

## **SURVIVAL AND PRE-ACADEMIC ESL 2**

**402-008CE**

**0 UNITS**

Survival and Pre-academic ESL for students who speak some basic English. Listening, speaking, reading and writing; emphasis on practical vocabulary and basic grammatical structures in context.

## **SURVIVAL AND PRE-ACADEMIC ESL 3**

**402-009CE**

**0 UNITS**

Survival and Pre-academic ESL for students who speak some basic English with a level of fluency above that expected in ESL2. Listening, speaking, reading, and writing; emphasis on practical vocabulary basic grammatical structures in context, and preparation for the credit program.

## **ENGLISH AS A SECOND LANGUAGE BEGINNING - 1**

**402-001 CE**

**0 UNITS**

This course provides instruction in simple reading and writing, basic sentence structure, spelling and phonemic correspondences, and verbal communication skills. Students read and listen to dialogues, compose and practice original dialogues, and perform other activities. Emphasis is placed upon general understanding of simple spoken English, clear pronunciation, and correct grammar.

## **ENGLISH AS A SECOND LANGUAGE BEGINNING - 2**

**402-002 CE**

**0 UNITS**

ESL Beginning-2 is designed for students at the middle-beginning level of English acquisition. This course provides instruction in reading and writing, sentence structure, spelling and phonemic correspondences, and verbal communication skills. Students read and listen to dialogues, compose and practice original dialogues, and perform other activities. Emphasis is placed upon general understanding of simple spoken and written English, clear pronunciation, and correct grammar.



# CAOT

## Computer Applications/ Office Technologies

Chair: Dr. Thelma Day  
(323) 953-4000 ext. 2900 • DH212

<http://caot.lacitycollege.edu>

## PROGRAMS OFFERED

Associate of Arts:

Administrative Office Assistant  
Computer Applications Specialist  
Legal Office Assistant  
Medical Office Assistant

Certificates:

Administrative Secretary  
Clerical Office Assistant  
Computer Applications Specialist  
Legal Office Assistant  
Medical Office Assistant

Basic Certificates of Completion

Basic Administrative Office Assistant  
Basic Computer Applications  
Basic Legal Office  
Basic Medical Administrative  
Basic Medical Billing  
Basic Medical Transcription  
Basic Office Communications  
Basic Web Page Design  
Basic Word Processing

## DEGREE PROGRAMS

This curriculum offers the student a wide variety of options, which may end with a certificate and/or an Associate of Arts degree. The Certificate program will prepare the student to work closely with management and various types of business, professional, educational, or industrial offices. The student may receive the Associate of Arts degree to ensure upward mobility in the chosen field of employment. Students interested in obtaining an Associate of Arts degree, Plan B, must complete 36 units in the major for the Administrative Office Assistant, Computer Applications Specialist, Legal Office Assistant, or Medical Office Assistant. Students must also complete 18 general education units and 6 elective units to complete graduation requirements for the Plan B. Please consult a counselor early in your program for appropriate general education courses.

The Specialty Certificates are designed for students who do not wish to receive an Associate of Arts degree. The Computer Applications And Office Technologies certificate program prepares the student for positions such as: Administrative Office Assistant, Computer Applications Specialist, Legal Office Assistant, Medical Office Assistant and Word Processing Specialist.

**COMPUTER APPLICATION/OFFICE TECHNOLOGY**

**Associate of Arts Degree**

**Career Program**

All students wishing to obtain an Associate of Arts degree must complete the core courses plus additional courses indicated below.

Core courses  
(required for all Associate of Arts degrees)

| COURSES               | UNITS |
|-----------------------|-------|
| CAOT 1, 2, or 3 ..... | 3     |
| CAOT 31 .....         | 3     |
| CAOT 32 .....         | 3     |
| CAOT 84 .....         | 3     |

Total Core Units ..... 12

**ADMINISTRATIVE OFFICE ASSISTANT**

**Associate of Arts Degree**

**Career Program**

| COURSES                               | UNITS |
|---------------------------------------|-------|
| 12 units from Core Courses above PLUS |       |
| CAOT 3 .....                          | 3/1   |
| CAOT 43 .....                         | 3     |
| CAOT 79 or 112 .....                  | 3     |
| CAOT 85 .....                         | 3     |
| CAOT 88 .....                         | 3     |
| CAOT 97 .....                         | 3     |
| CAOT 98 .....                         | 3     |

Suggested Electives: CAOT 9,34, or 64 3/5

Total Units ..... 36

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**COMPUTER APPLICATIONS SPECIALIST**

**Associate of Arts Degree**

**Career Program**

| COURSES                               | UNITS |
|---------------------------------------|-------|
| 12 units from Core Courses above PLUS |       |
| CAOT 79 .....                         | 3     |
| CAOT 82 .....                         | 3     |
| CAOT 85 .....                         | 3     |
| CAOT 88 .....                         | 3     |
| CAOT 97 .....                         | 3     |
| CAOT 98 .....                         | 3     |
| CAOT 112 .....                        | 3     |

Suggested Electives: CAOT 9, 34, or 64 3

Total Units ..... 36

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**LEGAL OFFICE ASSISTANT**

**Associate of Arts Degree**

**Career Program**

| COURSES                               | UNITS |
|---------------------------------------|-------|
| 12 units from Core Courses above PLUS |       |
| CAOT 3 .....                          | 3     |
| CAOT 23 .....                         | 5     |
| CAOT 49 .....                         | 3     |
| LAW 1 .....                           | 3     |
| CAOT 82 or CAOT 85 .....              | 3     |
| CAOT 43 or Law 14 .....               | 3     |
| CAOT 93 .....                         | 2     |

Suggested Electives: CAOT 9, 34, or 64 4/1

Total Units ..... 38

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**MEDICAL OFFICE ASSISTANT**  
**Associate of Arts Degree**  
**Career Program**

| COURSES                                    | UNITS     |
|--------------------------------------------|-----------|
| 12 units from Core Courses above PLUS      |           |
| CAOT 3 or 9 .....                          | 3/1       |
| CAOT 20 .....                              | 5         |
| CAOT 43 .....                              | 3         |
| CAOT 44 .....                              | 3         |
| CAOT 46 .....                              | 3         |
| Health 11 .....                            | 3         |
| Suggested Electives: CAOT 9, 34, or 64 4/1 |           |
| <b>Total Units</b> .....                   | <b>36</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.  
**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

**CERTIFICATE PROGRAMS**

The Computer Applications And Office Technologies Programs offers a variety of certificates to students interested in working closely with management and various types of businesses, professional, educational, or industrial offices. Specialty Certificates will prepare the student for positions such as: Administrative Office Assistant, Computer Applications Specialist, Legal Office Assistant, Medical Office Assistant and Word Processing Specialist.

**ADMINISTRATIVE SECRETARY**  
**Specialty Certificate**

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CAOT 3 .....             | 3         |
| CAOT 79 or 112 .....     | 3         |
| CAOT 84 .....            | 3         |
| CAOT 85 .....            | 3         |
| CAOT 88 .....            | 3         |
| CAOT 97 .....            | 3         |
| CAOT 98 .....            | 3         |
| CAOT 43 .....            | 3         |
| <b>Total Units</b> ..... | <b>24</b> |

**CLERICAL OFFICE ASSISTANT**  
**Certificate**

| COURSES        | UNITS |
|----------------|-------|
| CAOT 2 .....   | 3     |
| CAOT 106 ..... | 3     |
| CAOT 7 .....   | 3     |

|                          |           |
|--------------------------|-----------|
| CAOT 31 .....            | 3         |
| CAOT 32 .....            | 3         |
| CAOT 33 .....            | 2         |
| CAOT 47 .....            | 2         |
| CAOT 82 .....            | 3         |
| CAOT 105 .....           | 2         |
| <b>Total Units</b> ..... | <b>24</b> |

**COMPUTER APPLICATIONS SPECIALIST**  
**Specialty Certificate**

| COURSES                  | UNITS     |
|--------------------------|-----------|
| COAT 3 .....             | 3         |
| COAT 79 .....            | 3         |
| CAOT 82 .....            | 3         |
| CAOT 84 .....            | 3         |
| CAOT 85 .....            | 3         |
| CAOT 88 .....            | 3         |
| CAOT 97 .....            | 3         |
| CAOT 98 .....            | 3         |
| CAOT 112 .....           | 3         |
| <b>Total Units</b> ..... | <b>27</b> |

**LEGAL OFFICE ASSISTANT**  
**Specialty Certificate**

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CAOT 3 .....             | 3         |
| CAOT 23 .....            | 5         |
| CAOT 43 or Law 14 .....  | 3         |
| COAT 49 .....            | 3         |
| COAT 82 or 85 .....      | 3         |
| CAOT 84 .....            | 3         |
| Law 1 .....              | 3         |
| CAOT 93 .....            | 2         |
| <b>Total Units</b> ..... | <b>25</b> |

**MEDICAL OFFICE ASSISTANT**  
**Specialty Certificate**

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CAOT 3 .....             | 3         |
| CAOT 20 .....            | 5         |
| CAOT 43 .....            | 3         |
| CAOT 44 .....            | 3         |
| CAOT 46 .....            | 3         |
| CAOT 84 .....            | 3         |
| CAOT 97 .....            | 3         |
| Health 11 .....          | 3         |
| <b>Total Units</b> ..... | <b>26</b> |

**BASIC ADMINISTRATIVE OFFICE ASSISTANT  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 43 .....     | 3     |
| CAOT 85 .....     | 3     |
| Total Units ..... | 6     |

**BASIC COMPUTER APPLICATIONS  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 98 .....     | 3     |
| CAOT 97 .....     | 3     |
| Total Units ..... | 6     |

**BASIC LEGAL OFFICE  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 23 .....     | 5     |
| CAOT 93 .....     | 2     |
| Total Units ..... | 7     |

**BASIC MEDICAL ADMINISTRATIVE  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 2 .....      | 3     |
| CAOT 20 .....     | 5     |
| CAOT 44 .....     | 3     |
| Total Units ..... | 11    |

**BASIC MEDICAL BILLING  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 44 .....     | 3     |
| CAOT 126 .....    | 3     |
| Total Units ..... | 6     |

**BASIC MEDICAL TRANSCRIPTION  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 2 .....      | 3     |
| CAOT 44 .....     | 3     |
| CAOT 46 .....     | 3     |
| Total Units ..... | 9     |

**BASIC OFFICE COMMUNICATIONS  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 32 .....     | 3     |
| CAOT 34 .....     | 2     |
| CAOT 31 .....     | 3     |
| Total Units ..... | 8     |

**BASIC WEB PAGE DESIGN  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 112 .....    | 3     |
| CAOT 84 .....     | 3     |
| Total Units ..... | 36    |

**WEB PAGE DESIGN  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 112 .....    | 3     |
| CAOT 151 .....    | 3     |
| Total Units ..... | 6     |

**BASIC WORD PROCESSING  
Certificate of Completion**

| COURSES           | UNITS |
|-------------------|-------|
| CAOT 84 .....     | 3     |
| CAOT 79 .....     | 3     |
| Total Units ..... | 6     |

**COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 1  
Computer Keyboarding I  
3 UNITS - (A)**

Advisory: Eligibility for ESL Level 6B and 6C.

Notes: Students with ability to type 30 wpm accurately by touch should enroll in CAOT 2. Students who have completed a beginning typewriting/key-boarding course and have a skill below 20 wpm should enroll in CAOT 9. Mastery of the keyboard (letters, numbers, and symbols) by touch. Minimum speed at end of course of 30 wpm accurately; formatting of mailable letters, tables, reports, and memos using Microsoft Word.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES**

### **Computer Keyboarding II**

#### **3 UNITS - (CSU)**

Prerequisite: Computer Keyboarding I or equivalent.

Students should enroll in CAOT 9 or CAOT 1 if they do not meet the requirements for CAOT 2.

Mastery of the keyboard (letters, numbers, and symbols) by touch. Minimum speed at end of course of 40 wpm accurately; formatting of mailable advanced letters, tables, reports, memos, and desktop published documents using Microsoft Word.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 3**

### **Computer Keyboarding III**

#### **3 UNITS - (CSU)**

Prerequisite: Completion of CAOT 2 and CAOT 84 or a training course in Microsoft Word. (Students who do not meet these prerequisites should enroll in either CAOT 2 or CAOT 9 and CAOT 84, Microsoft Word.)

Develops production skills in using advanced features of Microsoft Word to create properly formatted business documents. Includes composition at keyboard, decision making, and timed production of letters, tables, and reports. Develops minimum speed at end of course of 50 wpm.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 7**

### **Machine Transcription**

#### **3 UNITS - (A)**

Prerequisite: CAOT 1 with a satisfactory grade or equivalent.

Advisory: English 21 or equivalent.

Develops proficiency in operating transcribing machines, listening skills, transcription of mailable letters, memoranda, and manuscripts from machine dictation techniques and English usage.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 9**

### **Keyboarding Improvement**

#### **1 UNIT - (RPT 2) (A)**

Prerequisite: Ability to type 20 wpm.

Improves keyboarding procedures through continued emphasis on correct keyboarding techniques. Uses a computer to develop speed and accuracy through timed writings and corrective drills. May be taken concurrently with CAOT 1, 2 or 3. May be repeated twice.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 20**

### **Medical Office Procedures**

#### **5 UNITS - (A)**

Prerequisites: CAOT 2 or 31 with a satisfactory grade or equivalent.

Advisory: CAOT 44.

This course develops proficiency in typing medical documents, case histories, history and physicals, medical reports. Additionally, students learn about medical ethics and sensitivity training for the medical office, privacy laws, telephone etiquette, medical filing and handling of confidential documents, scheduling appointments in a variety of medical facilities and medical insurance.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 23**

### **Legal Procedures I**

#### **5 UNITS - (A)**

Prerequisite: CAOT 1 and CAOT 31 with satisfactory grades or equivalent.

Preparation of court pleadings and legal documents; knowledge of general law office procedures and specific procedures involved in litigation, family law, corporate law, and other specialties; development of attitudes and behaviors appropriate for the legal field.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 31**

### **Business English**

#### **3 UNITS - (A)**

Prerequisite: English 28/31 with a satisfactory grade or equivalent.

Required of all CAOT majors.

Knowledge of English grammar and punctuation rules; practice in writing sentences and paragraphs.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 32**

### **Business Communications**

#### **3 UNITS - (CSU)**

Prerequisite: CAOT 1 and 31 with a satisfactory grade or equivalent.

Credit is allowed for only one of the following courses: CAOT 32 or Supervision 12.

Applications of business communications, principles in writing a variety of business letters, interoffice memorandums, and a business report; improvement of general and business vocabularies.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 33**

### **Records Management And Filing**

#### **2 UNITS - (A)**

Proficiency in applying basic filing principles to a variety of records using alphabetic, geographic, numeric and subject methods. Creation, storage, disposition, and preservation of all types of documents. An understanding of concepts of automated storage and retrieval. Includes database management personal computers.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 34**

### **Business Terminology**

#### **2 UNITS - (A)**

Correct definition, spelling, pronunciation, and effective usage of the general and specialized vocabulary used in modern business communications.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 43**

### **Office Procedures**

#### **3 UNITS - (A)**

Prerequisite: CAOT 2 and CAOT 31 with satisfactory grades or better.

Comprehensive knowledge and application of office skills and procedures for the automated office; development of attitudes for success on the job.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 44**

### **Medical Terminology**

#### **3 UNITS - (A)**

This course develops an understanding of medical terminology through a study of word roots, prefixes, and suffixes. Emphasis is given to spelling, pronunciation, and definitions. Medical terminology for basic anatomy, physiology, and pathology of the body systems is also stressed. Current medical innovations/issues are discussed.

## **COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 46**

### **Machine Transcription for Medical Secretaries**

#### **3 UNITS - (A)**

Prerequisite: CAOT 2 or CAOT 31 with satisfactory grades or equivalent.

Advisory: CAOT 44 or equivalent.

This course develops proficiency in operating transcribing machines to accurately transcribe medical documents, including medical letters, charts, notes, history and physicals, reports from cassette tapes. Emphasis is given to spelling, proofreading, correct terminology, and abbreviations. Students simultaneously review anatomy and major body systems.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 47****Applied Office Practice****2 UNITS - (RPT 3) (A)**

Advisory: CAOT 1 with a satisfactory grade or equivalent and second semester standing.

Practical experience in working in an office on campus and one hour lecture relating to office behavior, productivity, motivation, and interpersonal skills.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 49****Machine Transcription for Legal Office Assistants****3 UNITS - (A)**

Prerequisite: CAOT 2 and 31 with satisfactory grades or equivalent.

This course develops proficiency in operating transcribing machines to transcribe legal correspondence and documents, including court documents, from cassette tape. Emphasis is placed on spelling, proofreading, formatting, and the meaning of legal terms.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 64****Office Administration Laboratory****1 UNIT - (RPT 3)(A)**

Co-requisite: CAOT 1.

Laboratory class which provides opportunity for students enrolled in CAOT classes to have additional time on the computers to work with all of the software that is offered in the Department. Students must attend a minimum of 32 class hours per semester Credit/No Credit.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 79****Word Processing Applications****3 UNITS - (A)**

Prerequisite: CAOT 84 and CAOT 31 with satisfactory grades or equivalent.

Further develops skill in preparing a variety of business documents on a personal computer. Covers formats for letters, memos, reports, tables, outlines, form documents, graphics, desktop publishing, and merged documents.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 82****Microcomputer Software Survey in the Office****3 UNITS – (CSU)**

Prerequisite: CAOT 1 and CAOT 98 with satisfactory grades or equivalent.

Introduces students to the use of the microcomputer and commercially available software used in business office. Course provides hands-on introduction to word processing, database, spreadsheet, graphics, desktop publishing and presentation design software.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 82A****Microcomputer Software Survey in the Office****(Word-Processing and Spreadsheet)****1.5 UNITS – (CSU)**

Prerequisite: CAOT 1 and CAOT 98 with satisfactory grades or equivalent.

Introduces students to the use of the microcomputer and commercially available software used in business offices. Course provides hands-on introduction to word processing and spread sheets software.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 82B****Microcomputer Software Survey in the Office****(Database and Presentation Design)****1.5 UNITS – (CSU)**

Prerequisite: CAOT 1 and CAOT 98 with satisfactory grades or equivalent.

Introduces students to the use of the microcomputer and commercially

available software used in business offices. Course provides hands-on introduction to database and presentation design software.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 84****Microcomputer Office Applications: Word Processing****3 UNITS - (RPT 2) (CSU)**

Prerequisites: Eligibility for ESL Level 6 and the ability to type 30 wpm accurately by touch.

Use basic and advanced commands in Microsoft Word or other word processing software, to create, format, edit, save, and print documents including letters, tables, reports, and merge documents. Use desktop publishing features to create newsletters, brochures, fliers, and resumes.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 85****Microcomputer Office Applications: Spreadsheet****3 UNITS – (CSU)**

Presents office spreadsheet applications using a PC and spreadsheet application software, such as Excel. Students are taught to create, edit, format, and print worksheets; construct graphs and build data bases that utilize the data table function.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 88****Microcomputer Office Applications: Desktop Publishing****3 UNITS - (RPT 2) (A)**

Provides information and hands on training using a personal computer, laser printers and various desktop publishing software including Microsoft Publisher. Includes producing camera ready, near typeset quality reports, newsletters, business forms, and presentations.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 93****Legal Document Production****2 UNITS – (A)**

Prerequisite: CAOT 1 and CAOT 84 with satisfactory grades or equivalent.

This course is designed to link the academic knowledge of law and skills of word processing to result in the production of legal documents.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 97****Introduction to the Internet****3 UNITS - (A)**

Advisory: Knowledge of Windows and word processing is required. Students who enroll in the course must attend 3 lab hours per week.

The course provides hands-on access to Internet, the worldwide Computer Network. The course emphasizes electronic mail, file transfer protocol, newsgroups, web page design and other services and utilities.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 98****Microcomputer Office Applications: Introduction to****Windows for CAOT****3 UNITS - (A)**

This course is designed to prepare students to work in the Windows environment. The course emphasis the features of Windows, including changing and creating icons, opening and closing Windows and other applications, responding to dialog boxes, and working with directories.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 105****School-to-Work-Portfolio****2 UNITS - (A)**

Prerequisite: CAOT 31 with a satisfactory grade or equivalent.

Advisory: Eligibility for ESL 6B and 6C or completion of CAOT 1.

Course includes preparation of a comprehensive professional portfolio that contains a résumé, cover letter, application for employment, reference letters, and personal achievement. The course will also include career planning, networking with business and industry, and job search using the Internet and other resources.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 106**  
**Computer Calculations for the Ten-Key Pad**  
**3 UNITS - (A)**

Prerequisite: Math 105 or Business 38 with satisfactory grades or equivalent. This course uses application software to develop proficiency in the operation of the computer's ten-key pad by touch. It develops the skill to input and calculate numeric data for the preparation of various business documents including record keeping and accounting documents.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 112**  
**Microcomputer Office Applications: Web Page Design**  
**3 UNITS - (RPT 2) (CSU)**

Advisory: CAOT 98 or equivalent. This course is designed to help students learn the most important topics of Web Page Design. The course emphasizes creating a new website, integrating a database using Microsoft Office components, styles and working with HTML codes.

**COMPUTER APPLICATIONS - OFFICE TECHNOLOGIES 122**  
**Seven Habits of Highly Effective People**  
**3 UNITS - (A)**

This course will prepare individuals to work more productively by practicing personal and team building habits and by utilizing time effectively. It will familiarize students with the 7 Habits of Highly Effective People to achieve greater personal and professional effectiveness.

**COMPUTER APPLICATIONS – OFFICE TECHNOLOGIES 126**  
**Introduction to Medical Coding/Billing**  
**3 UNITS**

Introduction to the medical codes used for diagnostic and procedural data in medical billing. Students will learn to use the CPT-4 and ICD-9 reference books. Medicare, MediCal, and private insurance forms will be used for real world applications. Introduction to medical billing forms and procedures required by Medicare and private medical insurance companies will also be covered.



**CSIT**  
**(Computer Science/  
Information  
Technology)**

**Chair: Roger Wolf**  
**(323) 953-4000 ext. 2810 • JH312**  
[www.lacitycollege.edu/academic/departments/math/csitdept/](http://www.lacitycollege.edu/academic/departments/math/csitdept/)

**PROGRAMS OFFERED**

**Associate of Arts:**  
**Computer Science/Information Technology**  
**Computer Information Systems**

**Certificates:**  
**Applications Software**  
**Programming Languages**

**Skill Certificates:**  
**Computer Networking**  
**Database Administration**  
**Macromedia Software**  
**Operating Systems**  
**UNIX Operating Systems**  
**Web Client Technologies**  
**Web Server Technologies**

NOTE: The official abbreviation for Computer Science/Information Technology (CSIT) is "CO SCI".

The computer Science Information Technology discipline under the mathematics department at Los Angeles City College offers two Associate degrees that students can choose from, depending on their career and educational goals. The two degrees -- the Associate of Arts in Computer Science and the Associate of Arts in Computer Information Systems -- are designed, respectively, for students with transfer goals to Computer Science programs and Computer Information Systems programs at four-year universities. The following tables list the requirements for each degrees. For information on general education courses, students are encouraged to see a counselor for advisement.

## DEGREE PROGRAMS

### COMPUTER SCIENCE Associate of Arts Degree Transfer Program

| COURSES                                | UNITS     |
|----------------------------------------|-----------|
| <b>First Semester</b>                  |           |
| CSIT 103 .....                         | 4         |
| Mathematics 225 .....                  | 3         |
| <b>Second Semester</b>                 |           |
| CSIT 140 or 141 .....                  | 3         |
| Mathematics 261 .....                  | 5         |
| Physics 1 .....                        | 4         |
| <b>Third Semester</b>                  |           |
| CSIT 136 .....                         | 4         |
| Mathematics 262 .....                  | 5         |
| Physics 2 .....                        | 4         |
| <b>Fourth Semester</b>                 |           |
| CSIT 117 or Math 270 or Math 271 ..... | 4         |
| Mathematics 263 .....                  | 5         |
| Physics 3 .....                        | 4         |
| <b>Total Units</b> .....               | <b>45</b> |

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------|
| 3-6 Units | English Composition                                                                                                     |
| 6-9 Units | Communication/Analytical Thinking                                                                                       |
| 3 Units   | Natural Sciences                                                                                                        |
| 3 Units   | Humanities                                                                                                              |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments)                                                   |
| 3-4 Units | Health/Physical Education                                                                                               |
| 3-5 Units | Math Competency<br>(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam) |

### COMPUTER INFORMATION SYSTEMS Associate of Arts Degree Transfer Program

| COURSES                | UNITS |
|------------------------|-------|
| <b>First Semester</b>  |       |
| CSIT 103 .....         | 4     |
| Mathematics 225 .....  | 3     |
| <b>Second Semester</b> |       |
| CSIT 141 .....         | 3     |
| Accounting 1 .....     | 5     |
| <b>Third Semester</b>  |       |
| Accounting 2 .....     | 5     |
| Economics 1 .....      | 3     |

|                              |              |
|------------------------------|--------------|
| <b>Fourth Semester</b>       |              |
| CSIT 160 .....               | 3            |
| Economics 2 .....            | 3            |
| Mathematics 235 or 230 ..... | 3-5          |
| <b>Total Units</b> .....     | <b>32-34</b> |

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------|
| 3-6 Units | English Composition                                                                                                     |
| 6-9 Units | Communication/Analytical Thinking                                                                                       |
| 3 Units   | Natural Sciences                                                                                                        |
| 3 Units   | Humanities                                                                                                              |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments)                                                   |
| 3-4 Units | Health/Physical Education                                                                                               |
| 3-5 Units | Math Competency<br>(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam) |

## CERTIFICATE PROGRAMS

Certificates in Computer Science-Information technology will be issued by the Mathematics department upon application to the department by the student and successful completion of one or more of the following sequences.

### APPLICATIONS SOFTWARE

#### Certificate

This sequence of courses prepares students for careers in applications software development and usage in fields related to databases, networking, multimedia, web technologies, business analysis, and/or programming. Students successfully completing this program will find opportunities for employment in various industries depending on the track chosen for the electives.

| COURSES                       | UNITS        |
|-------------------------------|--------------|
| CSIT 103 or 101 and 108 ..... | 4-7          |
| CSITI 104 .....               | 3            |
| CSIT 107 .....                | 3            |
| CSIT 133 or 186 .....         | 3            |
| CSIT 160 .....                | 3            |
| CSIT 134 or 167 .....         | 3            |
| Electives .....               | 9            |
| <b>Total Units</b> .....      | <b>25-28</b> |

Acceptable Electives:

- Database Track: 3 courses from CSIT 187, 188, 189
- Networking Track: 3 courses from CSIT 181, 182, 183, 184
- Operating Systems Track: 3 courses from CSIT 134, 167, 168, 169
- Multimedia Track: 3 courses from CSIT 150, 151, 152, 153, 154
- Web Technologies Track: 3 courses from CSIT 155, 156, 158
- Business Analysis Track: 3 courses from Accounting 1, CAOT 85, CSIT 148, 160
- Programming Track: 3 courses from CSIT 138, 140, 141

**PROGRAMMING LANGUAGES**

**Certificate**

This course sequence provides students with comprehensive training in high-demand programming languages and tools such as Visual Basic, C++, Java, Perl, XML, ASP, and others. Students can choose electives from five exciting tracks: Databases, Web Development, Multimedia, Operating Systems, and Advanced Programming. Successful completion of the program will prepare students for an exciting career in software analysis, design, and development.

| COURSES                       | UNITS        |
|-------------------------------|--------------|
| CSIT 103 or 101 and 108 ..... | 4-7          |
| CSIT 104 .....                | 3            |
| CSIT 140 .....                | 3            |
| CSIT 107 .....                | 3            |
| CSIT 141 .....                | 3            |
| CSIT 142 .....                | 3            |
| CSIT 133 or 186 .....         | 3            |
| CSIT 136 .....                | 3            |
| CSIT 138 .....                | 3            |
| Electives .....               | 9            |
| <b>Total .....</b>            | <b>25-28</b> |

Acceptable Electives:

- Databases Track: 3 courses from CSIT 187, 188, 189, 190
- Web Development Track: 3 courses from CSIT 144, 156, 158
- Multimedia Technologies Track: 3 courses from CSIT 150, 151, 152, 153, 154
- Advanced Programming Track: 3 courses from CSIT 117, 144, 146
- Operating Systems Track: 3 courses from CSIT 134, 167, 168, 169

**COMPUTER NETWORKING**

**Skill Certificate**

This course sequence offers state of the art hands-on training in designing, configuring, and maintaining basic networks using Cisco routers and switches. The program also prepares students for the Cisco Certified Networking Associate (CCNA) exam.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CSIT 181 .....           | 3         |
| CSIT 182 .....           | 3         |
| CSIT 183 .....           | 3         |
| CSIT 184 .....           | 3         |
| <b>Total Units .....</b> | <b>12</b> |

**DATABASE ADMINISTRATION**

**Skill Certificate**

This course sequence offers state of the art hands-on training in setting up and administering Oracle relational databases and prepares students for the Oracle professional certification in database administration.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CSIT 186 .....           | 3         |
| CSIT 187 .....           | 3         |
| CSIT 188 .....           | 3         |
| CSIT 189 .....           | 3         |
| <b>Total Units .....</b> | <b>12</b> |

**MACROMEDIA SOFTWARE**

**Skill Certificate**

This course sequence provides technical training on the latest multimedia technologies and prepares students for the Macromedia certification exams. The program also provides instruction in programming macromedia software to create interactive and media-rich Web sites and presentations.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CSIT 151 .....           | 3         |
| CSIT 153 .....           | 3         |
| CSIT 152 .....           | 3         |
| CSIT 154 .....           | 3         |
| CSIT 158 .....           | 3         |
| <b>Total Units .....</b> | <b>15</b> |

**OPERATING SYSTEMS**

**Skill Certificate**

This program provides hands-on training in the use of UNIX and WINDOWS operating systems and prepares students for Microsoft Certificate Professional (MCP) examination.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CSIT 134 .....           | 3         |
| CSIT 167 .....           | 3         |
| CSIT 168 .....           | 3         |
| CSIT 169 .....           | 3         |
| <b>Total Units .....</b> | <b>12</b> |

**UNIX OPERATING SYSTEMS**

**Skill Certificate**

This course sequence offers state-of-the-art hands-on training on the UNIX operating system -- how to work with the system, how to program for it and administration of a UNIX system for a business, school and industry.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CSIT 144 .....           | 3         |
| CSIT 168 .....           | 3         |
| CSIT 169 .....           | 3         |
| CSIT 170 .....           | 3         |
| CSIT 171 .....           | 3         |
| <b>Total Units .....</b> | <b>15</b> |

**WEB CLIENT TECHNOLOGIES**

**Skill Certificate**

Program provides training in the use of client-side web technologies for design and development of interactive web sites. Skills include use of HTML, DHTML, XML, Java, Java Script, Dreamweaver and Flash in web site development.

| COURSES        | UNITS |
|----------------|-------|
| CSIT 141 ..... | 3     |
| CSIT 151 ..... | 3     |
| CSIT 152 ..... | 3     |

|                          |           |
|--------------------------|-----------|
| CSIT 156 .....           | 3         |
| CSIT 158 .....           | 3         |
| <b>Total Units .....</b> | <b>15</b> |

## WEB SERVER TECHNOLOGIES

### Skill Certificate

Program provides hands-on training in the use of UNIX and WINDOWS operating systems and prepares students for Microsoft Certified Professional (MCP) examination.

| COURSES                  | UNITS     |
|--------------------------|-----------|
| CSIT 134 .....           | 3         |
| CSIT 156 .....           | 3         |
| CSIT 159 .....           | 3         |
| CSIT 167 .....           | 3         |
| CSIT 186 .....           | 3         |
| <b>Total Units .....</b> | <b>15</b> |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

The official abbreviation for Computer Science/Information Technology (CSIT) is "CO SCI".

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 100

#### Workshop Laboratory 1 UNIT - (RPT 3) (A)

This course is designed to supplement and enhance learning experience in other computer-related courses by providing tutorial and self-help assistance with computers, programs, software, hardware and other learning aids. This course is designed to supplement and enhance learning experience in other computer-related courses by providing tutorial and self-help assistance with computers, programs, software, hardware and other learning aids.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 101

#### Introduction to Computers and Their Uses 4 UNITS - (UC:CSU)

Advisory: English 21/73 or equivalent.

Credit not allowed if student has credit for CSIT 103.

A general computer literacy course open to all students. Presents computer hardware, software, terminology, ethics, and societal impact. Students will overview operating systems, word processing, spreadsheets, database management systems, telecommunications, and networks.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 103

#### Introduction to Computer Systems for MIS 4 UNITS - (UC:CSU)

Advisory: English 21/73 or equivalent.

An introduction to computers for a one-semester transfer course or for certificates or a degree in CSIT. Topics include computers, programming and

systems design, programming languages and flowcharting. Laboratory includes word processing, spreadsheets, database concepts and extensive programming in BASIC.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 104

#### Mathematics for Programmers 3 UNITS - (CSU)

Advisory: CSIT 103 or equivalent.

Development of the specialized mathematical concepts necessary for writing computer programs, including the internal representation of numeric data, logical operators, set theory, vector and matrix operations, and linear equations.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 107

#### Programming Logic 3 UNITS - (UC:CSU)

Prerequisite: CSIT 103 with a satisfactory grade or equivalent.

Advisory: Mathematics 125 or equivalent.

Introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering. Includes program design, development, style, testing, documentation, algorithms, control structures, sub-programs, and elementary data structures.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 108

#### Beginning Basic Programming 3 UNITS - (UC:CSU)

Prerequisite: CSIT 101 with a satisfactory grade or equivalent.

A beginning programming course in the Visual Basic Programming Language.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 117

#### Beginning Micro Assembly Language 4 Units – (UC:CSU)

This course introduces the student to symbolic programming languages and their application as diagnostic tools. The skills of writing and using programs will be stressed. Emphasis is placed on the use of diagnostic programs which can be used to trouble shoot and isolate computer problems.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 133

#### Microcomputer Data Base Programming 3 UNITS - (CSU)

Prerequisite: CSIT 103 with a satisfactory grade or equivalent.

This course focuses on the essential principles and concepts of a microcomputer data base environment. A comprehensive examination of the functions of a data base command language is included.

### COMPUTER SCIENCE/INFORMATION TECHNOLOGY 134

#### Operating Systems 3 UNITS - (CSU)

Prerequisite: CSIT 101 or 103 with a satisfactory grade or equivalent.

Fundamental principles functions, application and use of operating systems such as DOS, UNIX, Windows 98/NT/2000, and Netinase and related applications software. Analysis of capabilities and limitations of the different operating systems and environments. Applicable to A+ certification software preparation.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 136****Introduction to Data Structures****3 UNITS - (UC:CSU)**

Prerequisite: CSIT 140 with a satisfactory grade or equivalent.

Principles and applications of data structures. Design implementation, and analysis of algorithms to manipulate arrays, lists, stacks, guesses, trees, graphs, and other objects. Examination of sorting and searching methods. Recursive and object-oriented programming techniques.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 138****Advanced Basic Programming****3 UNITS - (UC:CSU)**

Prerequisite: CSIT 108 with a satisfactory grade or equivalent.

An advanced programming course in the Visual Basic programming language with objects, classes, active X topics, and the Windows API.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 139****Programming in C****3 UNITS - (UC:CSU)**

Prerequisite: CSIT 104 and CSIT 107 with satisfactory grades or equivalent.

The course provides students the ability to write computer programs in a language used by professional programmers and software developers.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 140****Programming in C++****3 UNITS - (UC:CSU)**

Prerequisite: CSIT 139 with a satisfactory grade or equivalent.

This course addresses class construct, an extension of C Structure. The course emphasizes superiority of C++ to C as a general purpose programming language because of its new features and C++ as an object oriented programming language.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 141****Programming in JAVA****3 UNITS - (UC:CSU)**

Prerequisite: CSIT 101 or CSIT 103 with a satisfactory grade or equivalent.

Advisory: CSIT 107 and CSIT 104.

An introductory university-level course of a leading-edge programming paradigm object-oriented programming that is truly portable and therefore appropriate for implementing internet-based and World-Wide Web based applications.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 144****Practical Extraction and Report Language (PERL)****3 UNITS - (UC:CSU)**

Prerequisite: CSIT 158 with a satisfactory grade or equivalent.

An introductory university-level course in Practical Extraction and Report Language (PERL), a standard tool for UNIX server administration and server side support of interactive World Wide Web pages.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 148****Advanced Spreadsheet Applications****3 UNITS - (CSU)**

Prerequisite: CSIT 101 or 103 with a satisfactory grade or equivalent.

A course in advanced spreadsheet operations, including macro development, macrologic, printing enhancements and spreadsheet systems development.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 151****Macromedia Dreamweaver****4 UNITS - (A)**

Prerequisite: CSIT 101 and CSIT 103 with a satisfactory grade or equivalent.

This course provides an extensive practical and theoretical framework for using Macromedia's Dreamweaver to develop web sites. It includes enhancements for web page layout, coding, and webmaster-user interactivity.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 152****Macromedia Flash****4 UNITS - (A)**

Prerequisite: CSIT 151 with a satisfactory grade or equivalent.

This course covers Macromedia's Flash; a state-of-the-art Web animation software for creating highly compact, vector-based content for transmission over the Internet.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 153****Macromedia Director****4 UNITS - (A)**

Prerequisite: CSIT 151 with a satisfactory grade or equivalent.

This course is designed for multimedia webmasters interested in learning Macromedia Director to develop web-based Shockwave projects, create interactive learning modules, design interactive kiosks and catalogs, program with Lingo, and create animated presentations and projects.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 154****Macromedia Authorware****4 UNITS - (A)**

Prerequisite: CSIT 151 with a satisfactory grade or equivalent.

This course is designed for individuals interested in creating educational and professional modules using Authorware 5 Attain, Macromedia's leading application for creating visually-rich media for the web and online learning.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 155****E-Commerce Technologies****3 UNITS - (A)**

Prerequisite: CSIT 158 with a satisfactory grade or equivalent.

Presents the practical aspects of programming a functional e-commerce web site, including item selection, purchase recap, on-line payments, and follow-up data collection. Makes use of the PHP programming language and a live S2L database manager for implementation and record-keeping. The student constructs a live e-commerce web site with all aspects of the technique implemented.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 156****XML Programming****3 UNITS - (CSU)**

Prerequisite: CSIT 158 with a satisfactory grade or equivalent.

This course offers hands-on experience in designing and programming XML documents that enable the structured delivery of data and information over a corporate intranet, the internet, or for simple XML messaging between HTTP servers. The course also provide skills to build business-to-business E-commerce applications.

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY 158****Hyper-Text Markup Language (HTML)****3 UNITS - (CSU)**

Prerequisite: CSIT 101 with a satisfactory grade or equivalent.

Covers Hyper-Text Makeup Language, including formatting concepts of

hypermedia composition, lists, tables, graphics, maps, frames, forms and form processing. CGI, web site management, and an overview of more advanced features.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 159**

#### **Web Projects**

#### **3 UNITS - (CSU) (RPT 2)**

Prerequisite: CSIT 158 with a satisfactory grade or equivalent.

Covers more complex topics in rapidly changing technology of web pages construction including multimedia developments, plug-ins, helper applications, CSS, DHTML and new developments. Students will complete web projects with emphasis placed upon recent developments in students and software.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 160**

#### **Business Systems Design**

#### **3 UNITS - (CSU)**

This course covers the fundamentals of business systems analysis and design. It defines the core of the systems analyst, and describes experience in screen and form design, implementation and project management.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 167**

#### **Microcomputer Operating Environments - Windows**

#### **3 UNITS - (CSU)**

Prerequisite: CSIT 101 or 103 and CSIT 134 with satisfactory grades or equivalent.

Advanced course focusing on graphical user interface theory and operating system environment maintenance, contrasting DOS interface with graphical user interface, reviewing DOS fundamentals, introducing Windows applications use and installation and covering communications, macro generation, object embedding, memory management and network configurations.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 168**

#### **The UNIX Operating System**

#### **3 UNITS - (CSU)**

Prerequisite: CSIT 101 with a satisfactory grade or equivalent.

Covers basic features of the UNIX operating system including commands and concepts for running, application handling files, directories, permissions, networking, and scripting.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 169**

#### **Apache Web Server**

#### **3 UNITS - (CSU)**

Prerequisite: CSIT 168 with a satisfactory grade or equivalent.

A course covering the tasks involved in administering an Internet web server running Apache web server software under UNIX.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 170**

#### **Unix System Administration**

#### **3 UNITS - (CSU)**

Prerequisite: CSIT 168 with a satisfactory grade or equivalent.

Covers advanced topics in UNIX system administration including user addition and management, system disk drive installation and preparation, application installation, network installation and configuration, printer attachment, boot procedures and scripting, and management of event logging. The student builds a UNIX server from scratch and configures it to required specifications.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 171**

#### **UNIX System Security**

#### **3 UNITS - (CSU)**

Prerequisite: CSIT 168 with a satisfactory grade or equivalent.

Covers both theoretical and practical aspects of UNIX system security, including UNIX password systems, file system hardening, cryptography basics, physical security for hardware, protocol security, network authentication methods, secure programming and account defense.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 181**

#### **Computer Networking I - CISCO**

#### **3 UNITS - (CSU)**

Advisory: Eligibility for English 28/31 or equivalent.

This course covers fundamentals of computer networking. Topics include evolution of networking, seven layers of the OSI reference model, and networking devices such as bridges, hubs, switches, and routers. Internet protocol, IP addressing, subnetting, network topology, and cabling will also be covered.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 182**

#### **Computer Networking II - CISCO**

#### **3 UNITS - (CSU)**

Prerequisite: CSIT 181 with a satisfactory grade or equivalent.

This course covers a wide area of internetworking fundamentals. Topics include router fundamentals, router setup and configuration, network management, routing and routed protocols, and network troubleshooting.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 183**

#### **Computer Networking III - CISCO**

#### **1.5 UNITS - (A)**

Prerequisite: CSIT 182 with a satisfactory grade or equivalent.

This course covers routers configuration for various industry standard protocols. Topics include segmentation of LAN's using bridge, routers and switches. Virtual LAN's (Local Area Network), Fast Ethernet, cut-through and store-and-forward LAC switching are also discussed.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 184**

#### **Computer Networking IV - CISCO**

#### **1.5 UNITS - (A)**

Prerequisite: CSIT 183 with a satisfactory grade or equivalent.

This course covers Wide Area Network design and configuration. Various techniques and terms used to configure Wide Area Network include Frame Relay, ISDN (type of A network connection), and Point-to-Point protocol are discussed.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 186**

#### **Introduction to Oracle: SQL and PL/SQL**

#### **3 UNITS - (CSU)**

An extensive introduction to data server technology. The class covers the concepts of both relational and object relational database and the powerful SQL and PL/SQL programming languages. Students are taught to create and maintain database objects and to store, retrieve, and manipulate data.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 187**

#### **Oracle DBA (Database Administration) Part 1A: Architecture and Administration**

#### **4 UNITS - (A)**

Prerequisite: CSIT 186 with a satisfactory grade or equivalent.

This course is designed to give the students a firm foundation in basic administrative tasks and the necessary knowledge and skills to set up, maintain, and troubleshoot an Oracle database. The students learn to use an administration tool to startup and shutdown a database, manage file and database storage, and manage users and their privileges.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 188**

#### **Oracle DBA (Database Administration) Part 1B: Backup and Recovery**

**3 UNITS - (A)**

Prerequisite: CSIT 187 with a satisfactory grade or equivalent.

This course focuses on planning and implementing database backup and recovery strategies. The class addresses backup and recovery techniques and examines various database backup, failure, restore and recovery scenarios. In hands-on exercises, students examine backup methodologies based on mission critical requirements of business enterprises.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 189**

#### **Oracle DBA (Database Administration) Part 2: Performance and Tuning**

**3 UNITS - (A)**

Prerequisite: CSIT 187 with a satisfactory grade or equivalent.

This course will introduce students to a series of tuning steps, which can be used to improve the performance of the Oracle Server. The focus is on database rather than specific operating system performance issues. Using a variety of tools, students also learn how to recognize, troubleshoot and resolve common performance related problems in administering an Oracle database.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 191**

#### **Programming Laboratory**

**1 UNIT - (RPT 3) (CSU)**

Co-requisite: Concurrent enrollment in any CSIT course other than CSIT 100, 191, 192.

This is a programming laboratory is designed to provide the student an opportunity to apply the computer concepts being studied in a concurrent CSIT lecture/discussion class section. This is a programming laboratory is designed to provide the student an opportunity to apply the computer concepts being studied in a concurrent CSIT lecture/discussion class section.

### **COMPUTER SCIENCE/INFORMATION TECHNOLOGY 192**

#### **Programming Laboratory**

**1 UNIT - (RPT 3) (CSU)**

Prerequisite: Open to students who have repeated CSIT 191 three times.

Co-requisite: Concurrent enrollment in any CSIT course other than CSIT 100, 191, 192.

This is a programming laboratory is designed to provide the student an opportunity to apply the computer concepts being studied in a concurrent CSIT lecture/discussion class section. This is a programming laboratory is designed to provide the student an opportunity to apply the computer concepts being studied in a concurrent CSIT lecture/discussion class section.

### **CO SCI 195**

#### **Computer Networking V:CCNP Cisco Networking Academy Program, Advanced Routing Corrections Institutions**

**3 UNITS - (A)**

Prerequisite: CO SCI 184 with a satisfactory grade or equivalent.

This course covers configuration of various routing protocols that include Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), and Border Gateway Protocol (BGP). Route optimization and security are also discussed. This course also provides students with the

knowledge and skills to pass the CCNP Routing Exam and further the students' career opportunities in computer networking.

### **CO SCI 196**

#### **Computer Networking VI:CCNP Cisco Networking Academy Program, Remote Access**

**3 UNITS - (A)**

Prerequisite: CO SCI 195 with a satisfactory grade or equivalent.

This course will provide students with an overview of remote access technologies and their relationship to the Cisco Internet network Operating System.

### **CO SCI 197**

#### **Computer Networking VII: CCNP Cisco networking Academy Program, Switching**

**3 UNITS - (A)**

Prerequisite: CO SCI 195 with a satisfactory grade or equivalent.

This course covers all the major topics on the Cisco Switching exam, including switched Ethernet, trunking, multicasting, multilayer switching, Virtual Local Area Networks (VLANs), inter VLAN routing, Hot Standby Routing Protocol, network traffic control, monitoring, and troubleshooting techniques.



**Chair: Roger Wolf**

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[www.lacitycollege.edu/academic/departments/ctel/index.html](http://www.lacitycollege.edu/academic/departments/ctel/index.html)

## **PROGRAMS OFFERED**

**Associate of Science:  
Computer Technology**

**Certificates:  
Computer Technology  
A+ Certification**

The computer technology curriculum has been developed to provide training in the principles underlying the design of modern computer systems. The program presents theory of computer architecture and design, operation of equipment, and diagnostic programming. Emphasis is placed on essential electronics, design of digital systems used in robotics, automation and industrial control, data processing, and networking. Practical aspects of maintenance, troubleshooting, and integration of digital and analog systems are included.

## DEGREE PROGRAM

### COMPUTER TECHNOLOGY Associate of Science Degree Career Program

| COURSES                      | UNITS       |
|------------------------------|-------------|
| <b>First Semester</b>        |             |
| Computer Technology 1 .....  | 4           |
| Computer Technology 12 ..... | 4           |
| Electronics 4 .....          | 4           |
| Electronics 10 .....         | 3           |
| Electronics 87 .....         | 0.5         |
| <b>Second Semester</b>       |             |
| Computer Technology 20 ..... | 4           |
| Electronics 6 .....          | 4           |
| Electronics 8 .....          | 4           |
| Electronics 12 .....         | 3           |
| <b>Third Semester</b>        |             |
| Computer Technology 30 ..... | 4           |
| Computer Technology 36 ..... | 4           |
| <b>Fourth Semester</b>       |             |
| Computer Technology 46 ..... | 4           |
| Computer Technology 48 ..... | 4           |
| <b>Total Units</b> .....     | <b>46.5</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

### COMPUTER TECHNOLOGY Certificate

A Computer Technology certificate will be issued by the Mathematics Department upon application by the student to the department with the successful completion of the following courses. All students must receive a satisfactory grade or better to meet certificate requirements.

| COURSES                      | UNITS       |
|------------------------------|-------------|
| Computer Technology 1 .....  | 4           |
| Computer Technology 12 ..... | 4           |
| Computer Technology 20 ..... | 4           |
| Computer Technology 30 ..... | 4           |
| Computer Technology 36 ..... | 4           |
| Electronics 4 .....          | 4           |
| Electronics 6 .....          | 4           |
| Electronics 8 .....          | 4           |
| Electronics 10 .....         | 3           |
| Electronics 12 .....         | 3           |
| Electronics 87 .....         | 0.5         |
| <b>Total Units</b> .....     | <b>46.5</b> |

## PROGRAM IN A+ CERTIFICATION

### Skills Certificate

Los Angeles City College offers a program for preparation for the A+ Computer Systems certificate, and industry standard certification for those who work with computer hardware and systems software. Upon completing this short program, the student is fully prepared to sit for the A+ Certification Examination. The A+ Examination itself is administered outside of Los Angeles City College. The Mathematics Department will issue a completion certificate upon application by the student with the successful completion of the following courses. Students must receive a satisfactory grade or better to meet certificate requirements.

| COURSES                      | UNITS     |
|------------------------------|-----------|
| Computer Technology 1 .....  | 4         |
| Computer Technology 12 ..... | 4         |
| Computer Technology 14 ..... | 4         |
| Electronics 2 or 4 & 6 ..... | 3         |
| <b>Total Units</b> .....     | <b>15</b> |

## COURSE DESCRIPTIONS

### COMPUTER TECHNOLOGY 1

#### Introduction to Computer for Technicians

#### 4 UNITS - (CSU)

Advisory: English 28/31 or equivalent.

No UC credit if taken after Spring 1994.

Provides an introduction to computer hardware, physical design of computers, dataflow, coding systems, input/output devices, and data storage techniques. Discusses machine-program interaction, operating systems, and interfacing. The laboratory presents low level systems communication and operation.

### COMPUTER TECHNOLOGY 4

#### Introduction to Computer Networks

#### 4 UNITS - (A)

Advisory: Computer Technology 1 or equivalent.

Introduces the concepts of networking, the OSI Model; methods of signaling and encoding; interfaces, modems, and transmission media; and examines the most important protocols involved in moving data over a communication network.

### COMPUTER TECHNOLOGY 12

#### Introduction to Computer Hardware

#### 4 UNITS - (CSU)

A beginner's course on the basics of computer hardware and operation.

Includes essential of hardware components and how these form a working system, operating system software, user operation, maintenance, and simple troubleshooting.

### COMPUTER TECHNOLOGY 14

#### A-Plus Certification Preparation

#### 4 UNITS - (A)

Prerequisite: Computer Technology 12 with a satisfactory grade.

Advisory: Computer Technology 1 or equivalent.

Provides an in-depth examination of the technology and skills necessary to repair and work with modern computers as a technician or operator. Prepares the student for the A-Plus Certification examination.

### COMPUTER TECHNOLOGY 20

#### Computer Logic and Arithmetic

#### 4 UNITS - (CSU)

Prerequisite: Electronics 4 and 8 with a satisfactory grade.

A study of the principles and applications of the logic devices used in digital systems, including the number systems, Boolean algebra, logic and truth tables, logic gates and bistable devices.

**COMPUTER TECHNOLOGY 30**  
**Introduction to Microprocessors**  
**4 UNITS - (A)**

Prerequisite: Computer Technology 20 with a satisfactory grade.  
A survey of various microprocessor units with in-depth analysis and operation of a selected microprocessor. Emphasis is placed on the architecture, instruction set, I/O interfacing, and typical applications of the selected devices.

**COMPUTER TECHNOLOGY 36**  
**Digital Devices and Circuits**  
**4 UNITS - (A)**

Prerequisite: Computer Technology 20 with a satisfactory grade.  
Covers digital integrated circuit devices such as registers, counters, encoder/decoder, multiplexer/demultiplexer. Memory devices, and programmable logic arrays. Laboratory emphasizes use of dual-trace oscilloscope.

**COMPUTER TECHNOLOGY 46**  
**Microprocessor Input/Output Devices**  
**4 UNITS - (A)**

Prerequisite: Computer Technology 30 with a satisfactory grade.  
Co-requisite: Computer Technology 48.  
Presents the theory and operation of input/output devices commonly used with microprocessor based systems. Includes the technologies used in disk drives, video displays, analog digital conversions, printers, and similar devices. Procedures for interfacing I/O systems are included.

**COMPUTER TECHNOLOGY 47**  
**Data Communications and Networking I**  
**4 UNITS - (A)**

An introductory course in data communications and networking for the technician. The student will install and test modems and networks on PC computer systems.

**COMPUTER TECHNOLOGY 48**  
**Microprocessor Systems**  
**4 UNITS - (A)**

Prerequisite: Computer Technology 30 with a satisfactory grade.  
Co-requisite: Computer Technology 48.  
Examines selected topics in advanced microprocessor based systems, including advanced architectures, industrial control and robotics, networks, and multi user and multi processor systems. Laboratory is design oriented, and includes a project or term paper, field trips, seminars, and guest speakers.

**COMPUTER TECHNOLOGY 120**  
**Printed Circuit Board Design and Layout**  
**5 UNITS - (CSU)**

Prerequisite: Computer Technology 20 with a satisfactory grade.  
Advisory: Computer Technology 30.  
Presents the skills and techniques involved in the design and layout of printed circuit boards (PCB's) for electronic devices and systems. Topics include component operation and characteristics, schematic capture, drawing generation, porting netlists to PCB layout software, and layout and routing of boards and generation of artwork.

**COMPUTER TECHNOLOGY 121**  
**Printed Circuit Board Design Analysis**  
**5 UNITS - (CSU)**

Continues the work of the Computer Technology 120 by introducing component modeling, operating parameters, and circuit function simulation using SPICE and other simulation software. Topics include use of simulation software, virtual test equipment, analysis of circuit operation, modification of circuits to meet specifications and test criteria.

**COMPUTER TECH 185 Directed Study — 1 UNIT (CSU)**  
**COMPUTER TECH 285 Directed Study — 2 UNITS (CSU)**  
**COMPUTER TECH 385 Directed Study — 3 UNITS (CSU)**  
Conference 1 hour per unit.

These courses allow students in Computer Technology to pursue Directed Study on a contract basis under the direction of a supervising instructor. Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.  
\*Prerequisites: Computer Technology 1 or 12 and concurrent enrollment or completion of Computer Technology 20.



**Chair: George Holmes, Director**  
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**PROGRAMS OFFERED**  
**Courses Only - No Degree/Certificate**  
**See Below**

Through Cooperative Education or "CO-OP ED," students may earn college credit for their on the job work experience.

CO-OP ED is designed to enhance the student's academic and personal development. Educational objectives are carefully planned and coordinated with the student's employer to provide realistic employment relationships.

To be eligible, students are expected to:

- Attend two (2) 2.5 hour seminars;
- Be enrolled in seven (7) or more units (which may include CO-OP ED units) at LACC;
- Be currently employed and/or have arranged an internship through an employer; and
- Complete a CO-OP ED application and submit the CO-OP ED agreement, signed by the employer.

For students working in their major or a related field, a maximum of four (4) units may be earned per semester for a total of sixteen (16) units maximum in CO-OP ED. The same CO-OP ED course may be repeated for a maximum of four (4) semesters. Students may enroll in one (1) section number and a maximum of four (4) CO-OP ED units per semester.

**LACC COOPERATIVE EDUCATION (CO-OP ED) COURSES**  
**Vocational Disciplines Offering Co-op Ed Experience**

Note: Students in the following declared majors may enroll under the following disciplines: Cinema; CAOT; Music; Television

**Non-Vocational Disciplines Listed for Cooperative Education**

Note: In accordance with the State Chancellors' guidelines, students may enroll in general Co-op Ed courses under the state approved top code.



# DENTAL TECHNOLOGY

**Chair: Arax Cohen**

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[www.lacitycollege.edu/academic/departments/dentech/index.html](http://www.lacitycollege.edu/academic/departments/dentech/index.html)

## PROGRAMS OFFERED

**Associate of Science:**

Dental Technology

**Certificate:**

Dental Technology

## DEGREE PROGRAM

### DENTAL TECHNOLOGY

#### Associate of Science Degree

#### Career Program

This curriculum is planned to provide students with specific skills and background needed in the commercial dental laboratory or dental office laboratory. Good digital dexterity and eye/hand coordination are requisites for enrollment in Dental Technology. All students admitted to the LACC Dental Technology program are selected on the basis of their dexterity. This exam for this selection will be given as the final examination in Dental Technology 100. All candidates for the Dental Technology curriculum must have a high school diploma or G.E.D.

Courses are planned in sequence in the Dental Technology curriculum. Satisfactory completion of Dental Technology courses in a particular sequence with at least a "C" grade is required before the student may progress into the next course in the sequence. All courses listed are required for the Associate of Science degree with a major in Dental Technology. Students who successfully complete all the Dental Technology courses will be eligible for the Recognized Graduate Certified Dental Technician Exam given by the National Board for Certification of Dental Technicians.

Note: Math 112 Pre-Algebra or higher must be taken before completion of the Dental Technology Program.

## BEGINNING COURSE UNIT

|                                              |   |
|----------------------------------------------|---|
| Dental Technology 100 .....                  | 2 |
| (See Graduation Requirements "Plan B") ..... | 3 |

## COURSES UNITS

|                                              |   |
|----------------------------------------------|---|
| <b>First Semester</b>                        |   |
| Dental Technology 101 .....                  | 2 |
| Dental Technology 102 .....                  | 3 |
| Dental Technology 103 .....                  | 2 |
| Dental Technology 104 .....                  | 3 |
| Dental Technology 109 .....                  | 4 |
| (See Graduation Requirements "Plan B") ..... | 3 |

|                             |   |
|-----------------------------|---|
| <b>Intersession</b>         |   |
| Dental Technology 106 ..... | 3 |

|                                              |   |
|----------------------------------------------|---|
| <b>Second Semester</b>                       |   |
| Dental Technology 105 .....                  | 2 |
| Dental Technology 108 .....                  | 3 |
| Dental Technology 111 .....                  | 5 |
| Dental Technology 112 .....                  | 2 |
| (See Graduation Requirements "Plan B") ..... | 3 |

|                                              |   |
|----------------------------------------------|---|
| <b>Intersession</b>                          |   |
| (See Graduation Requirements "Plan B") ..... | 3 |

|                                              |   |
|----------------------------------------------|---|
| <b>Third Semester</b>                        |   |
| Dental Technology 113 .....                  | 5 |
| Dental Technology 204 .....                  | 3 |
| (See Graduation Requirements "Plan B") ..... | 3 |

|                             |   |
|-----------------------------|---|
| <b>Intersession</b>         |   |
| Dental Technology 203 ..... | 2 |

|                                              |   |
|----------------------------------------------|---|
| <b>Fourth Semester</b>                       |   |
| Dental Technology 201 .....                  | 6 |
| Dental Technology 202 .....                  | 2 |
| (See Graduation Requirements "Plan B") ..... | 3 |

**Total Units** ..... **70**

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAM

### DENTAL TECHNOLOGY

#### Certificate

A certificate in Dental Technology will be issued by the Dental Technology Department upon successful completion of all Dental Technology courses.

Courses in the Dental Technology Certificate program are the following:  
 Note: Math 112 Pre-Algebra or higher must be taken before completion of the Dental Technology Program.

| <b>BEGINNING COURSE</b>     | <b>UNITS</b> |
|-----------------------------|--------------|
| Dental Technology 100 ..... | 2            |
| <b>COURSES</b>              |              |
| <b>First Semester</b>       |              |
| Dental Technology 101 ..... | 2            |
| Dental Technology 102 ..... | 2            |
| Dental Technology 103 ..... | 2            |
| Dental Technology 104 ..... | 3            |
| Dental Technology 107 ..... | 2            |
| Dental Technology 109 ..... | 2            |
| <b>Intersession</b>         |              |
| Dental Technology 106 ..... | 3            |
| <b>Second Semester</b>      |              |
| Dental Technology 105 ..... | 2            |
| Dental Technology 108 ..... | 3            |
| Dental Technology 110 ..... | 4            |
| Dental Technology 112 ..... | 2            |
| <b>Third Semester</b>       |              |
| Dental Technology 111 ..... | 5            |
| Dental Technology 113 ..... | 5            |
| Dental Technology 204 ..... | 3            |
| <b>Intersession</b>         |              |
| Dental Technology 203 ..... | 2            |
| <b>Fourth Semester</b>      |              |
| Dental Technology 201 ..... | 6            |
| Dental Technology 202 ..... | 2            |
| <b>Total Units</b> .....    | <b>55</b>    |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

All courses are open enrollment for men and women.

### **DENTAL TECHNOLOGY 100** **Introduction to the Dental Laboratory** **2 UNITS - (A)**

Lecture 1 hour. Lab 2 hours.

Open to all college students.

An Introduction to the modern dental laboratory. Working with gypsum products as well as model and die production are stressed.

### **DENTAL TECHNOLOGY 101** **Elements of Dental Technology** **2 UNITS - (A)**

Open to all college students.

Advisory: English 21 or equivalent.

Lecture 2 hours.

Orientation to the field of dental laboratory technology, including ethics, jurisprudence, history, and categories of training and employment.

### **DENTAL TECHNOLOGY 102** **Dental Anatomy and Terminology** **3 UNITS - (A)**

Open to all college students.

Advisory: English 21 or equivalent.

Lecture 3 hours.

Study of the oral cavity, including anatomy, histology, osteology, myology, form and function.

### **DENTAL TECHNOLOGY 103** **Complete Denture Prosthetics I** **2 UNITS - (A)**

Prerequisite: Dental Technology 100 (formerly 99C) with a satisfactory grade.

Advisory: English 21 or equivalent.

Lecture 1 hour. Lab 3 hours.

Beginning techniques and skills of complete denture construction and laboratory procedures.

### **DENTAL TECHNOLOGY 104** **Complete Denture Prosthetics II** **3 UNITS - (A)**

Prerequisite: Dental Technology 103 with a satisfactory grade.

Advisory: English 21 or equivalent.

Lecture 2 hours. Lab 2 hours.

The setting of teeth, processing, finishing and repairing techniques of complete dentures.

### **DENTAL TECHNOLOGY 105** **Complete Denture Prosthetics III** **2 UNITS - (A)**

Prerequisite: Dental Technology 104 with a satisfactory grade.

Lecture 1 hour. Lab 3 hours.

Beginning techniques and skills of complete denture in balanced occlusion.

### **DENTAL TECHNOLOGY 106** **Dental Materials** **3 UNITS - (A)**

Prerequisite: Dental Technology 100 (formerly 99C) with a satisfactory grade.

Advisory: English 21 or equivalent.

Lecture 2 hours. Lab 2 hours.

Study of the physical properties, composition, and uses of dental materials by lecture and demonstration. Covers basic physics, math, and chemistry as related to the dental lab profession.

### **DENTAL TECHNOLOGY 108** **Gnathological Concepts** **3 UNITS - (A)**

Lecture 2 hours. Lab 2 hours.

A study of advanced occlusion concepts. Organic waxing of occlusal surfaces will be accomplished on fully adjustable articulators; mandibular tooth carvings will also be completed.

## **DENTAL TECHNOLOGY 109**

### **Fixed Prosthetics I**

#### **4 UNITS - (A)**

Prerequisite: Dental Technology 100 (formerly 99C) with a satisfactory grade.

Advisory: English 21 or equivalent.

Lecture 2 hour. Lab 6 hours.

Introduction to the technique of making precision dental castings from waxing techniques patterns.

## **DENTAL TECHNOLOGY 111**

### **Fixed Prosthetics III**

#### **5 UNITS - (A)**

Prerequisite: Dental Technology 109 with a satisfactory grade.

Lecture 2 hours. Lab 5 hours.

The techniques of fabricating fixed bridges of various designs and metal ceramic sub-structures.

## **DENTAL TECHNOLOGY 112**

### **Removable Partial Denture Prosthetics I**

#### **2 UNITS - (A)**

Prerequisite: Dental Technology 103 with a satisfactory grade.

Lecture 1 hour. Lab 3 hours.

An introduction to the study of removable partial denture construction, use of the dental surveyor, design of the partial, waxing and casting techniques.

## **DENTAL TECHNOLOGY 113**

### **Removable Partial Denture Prosthetics II**

#### **5 UNITS - (A)**

Prerequisite: Dental Technology 112 with a satisfactory grade.

Lecture 2 hours. Lab 5 hours.

Advanced removable partial denture design and fabrication. Laboratory experience in waxing, casting, finishing, polishing and repairing modern removable partial denture alloys.

## **DENTAL TECHNOLOGY 201**

### **Specialization Laboratory I**

#### **6 UNITS - (RPT 1) (A)**

Prerequisite: Dental Technology 111 with a satisfactory grade.

Lecture 3 hours. Lab 9 hours.

Techniques for fabrication of various dental prosthesis, in the student's chosen dental laboratory specialty, with a total concept of the skills and techniques necessary for the disciplines in Dental Laboratory Technology.

## **DENTAL TECHNOLOGY 202**

### **Laboratory Internship**

#### **2 UNITS - (A)**

Co-requisite: Dental Technology 201 with a satisfactory grade.

Lab 6 hours.

Opportunity to observe and work with a skilled technician in a dental office, clinic or laboratory a minimum of 6 hours per week.

## **DENTAL TECHNOLOGY 203**

### **Metal Ceramic Restorations**

#### **2 UNITS - (A)**

Prerequisite: Dental Technology 111 with a satisfactory grade.

Co-requisite: Dental Technology 201.

Lecture 1 hour. Lab 3 hours.

A course in metal ceramic restorations, including properties, design, manipulation, firing, staining, glazing, polishing and esthetics. Single, soldered and multiple unit bridgework are covered.

## **DENTAL TECHNOLOGY 204**

### **Orthodontics**

#### **3 UNITS - (A)**

Prerequisite: Dental Technology 113 with a satisfactory grade.

Lecture 2 hours. Lab 2 hours.

This course goes into the construction and repair of orthodontic and pedodontic appliances. Emphasis will be placed on pouring and trimming orthognathic study casts, wire bending techniques, soldering and welding techniques, and fabrication of various types of orthodontic appliances.

## **DENTAL TECHNOLOGY**

## **UCLA COURSES**

### **MASTER CERAMIST PROGRAM**

## **DENTAL TECHNOLOGY 300**

### **Introduction to Esthetic Dentistry**

#### **0.5 UNITS - (A)**

An introduction to using the right side of the brain in order to analyze and execute the waxing of both anterior and posterior teeth. Successful completion of this course allows entry into the Esthetic Dental Design Program.

## **DENTAL TECHNOLOGY 301**

### **Macro and Micro Esthetics**

#### **3.5 UNITS - (A)**

This course will cover the inter-tooth components of an esthetic smile and the intra-tooth component of an individual tooth.

## **DENTAL TECHNOLOGY 302**

### **Esthetic Dental Photography**

#### **1 UNITS - (A)**

A student will learn to master the art and science of dental photography for analysis and communication.

## **DENTAL TECHNOLOGY 303**

### **Skeleton build-up for Porcelain Fused to Metal**

#### **4 UNITS - (A)**

This course will focus on the design and fabrication of Composite Metal single and multiple unit substructures and the skeleton build-up technique in porcelain to complete these dental esthetic restorations.

## **DENTAL TECHNOLOGY 304**

### **Skeleton build-up for All Ceramic Restorations**

#### **4 UNITS - (A)**

This course will focus on the design and fabrication of All-Ceramic single and multiple unit restorative substructures and the skeleton build-up porcelain technique to complete dental esthetic restorations.

## **DENTAL TECHNOLOGY 305**

### **Skeleton build-up for Pressable Ceramic Restorations**

#### **4 UNITS - (A)**

This course will focus on the design and fabrication of Pressable-Ceramic single and multiple unit restorative substructures and the skeleton build-up porcelain technique to complete dental esthetic restorations.

## **DENTAL TECHNOLOGY 306**

### **Prototypes and Indirect Composite Restorations**

#### **3 UNITS - (A)**

This course explores multiple techniques in making esthetic temporary and permanent restorations.

**DENTAL TECHNOLOGY 307****Shade Analysis  
2 UNITS - (A)**

The different zones of individual teeth are analyzed and mapped using both visual and computer generated techniques to create a guide for fabricating a dental restoration.

**DENTAL TECHNOLOGY 308****Skeleton Build-up for Laminate Veneers  
4 UNITS - (A)**

This course will focus on the design and fabrication of Laminate Veneer single and multiple unit substructures and the skeleton build-up technique in porcelain to complete these dental esthetic restorations.

**DENTAL TECHNOLOGY 309****Live-Patient Course  
14 UNITS - (A)**

Students learn to interact with patients for shade analysis and establishing tooth contour for actual dental restorations. Students then fabricate and custom-contour a dental restorations for placement in the patients' mouth.

**DENTAL TECHNOLOGY 310****Dental Laboratory Management Internship  
11 UNITS – (A)**

This course covers basic principles needed to maintain budget, marketing, work-flow, dentist/technician and technician/patient relations.

**ADVANCED PROSTHODONTICS, IMPLANTS AND  
MAXILOFACIAL PROGRAM****DENTAL TECHNOLOGY 401 (pending state approval)  
Introduction to Advanced Prosthodontics  
5 UNITS**

This course will cover the dental terminology, materials and morphology necessary to the advance dental technician. Use of the computer in the dental laboratory will also be covered.

**DENTAL TECHNOLOGY 402 (pending state approval)  
Advanced Prosthodontics 1  
14 UNITS**

This course includes lecture and laboratory in planning and fabrication of advanced implant, fixed and removable prosthodontics and dental ceramics.

**DENTAL TECHNOLOGY 403 (pending state approval)  
Advanced Prosthodontics 2  
5 UNITS**

This course includes lecture and laboratory in planning and fabrication of advanced multi-unit full month reconstruction dental ceramics.

**DENTAL TECHNOLOGY 404 (pending state approval)  
Advanced Prosthodontics 3  
14 Units**

This course includes lecture and laboratory in planning and fabrication of advanced implant, fixed, removable prosthodontics and maxillofacial appliances using hybrid materials and precision attachments.

**DENTAL TECHNOLOGY 911****Cooperative Education – 1 UNIT (RPT 3) (A)****DENTAL TECHNOLOGY 921****Cooperative Education – 2 UNITS (RPT 3) (A)****DENTAL TECHNOLOGY 931****Cooperative Education – 3 UNITS (RPT 3) (A)****DENTAL TECHNOLOGY 941****Cooperative Education – 4 UNITS (RPT 3) (A)**

Prerequisite: Employment in a field related to the student's major as verified by the cooperative Education advisor.

Supervised learning is conducted in the form of on-the-job training in an employment area that will enhance the student's educational goals.

Limits to transfer credit: Refers to the "Cooperative Education Credit Guide," available from the Cooperative Education advisor.

**EARTH SCIENCE**

**Chair: Elaine Carter**  
**(323) 953-4000 ext. 2600 •**  
**Chem105A**

**Chair: Mattie Moon\***  
**(323) 953-4000 ext. 2955 • FH102C**

[www.lacitycollege.edu/academic/departments/earthsci/index.html](http://www.lacitycollege.edu/academic/departments/earthsci/index.html)

**PROGRAMS OFFERED****Courses Only - No Degree/Certificate**

Earth Science

Geography

Geology

Meteorology

Oceanography

**COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

## **EARTH SCIENCE 1**

### **Earth Science**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course is a general introduction to the study of the earth's rocks, landforms, atmosphere, and oceans. The course content is most closely related to that of Physical Geography, but is somewhat broader and less detailed, and includes a description of earth history.

## **GEOGRAPHY 1**

### **Physical Geography**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course is an introductory examination of the basic physical scientific principles of geography as they relate to Earth-Sun relationships: weather; climate; land forms; soil; and natural vegetation. Emphasis is on the integration of these factors and world distribution.

## **GEOGRAPHY 2**

### **Cultural Elements of Geography**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course is an introductory examination of the Earth's human environment. Emphasis is on the description, analysis, and explanation of human population distributions; human cultural trait distribution; patterns of rural land-use and settlement; patterns of agriculture and industry; and world urban development.

## **GEOGRAPHY 3**

### **Introduction To Weather and Climate**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course examines the physical laws, which relate to the causes of weather phenomena and distribution of climate types. The role of solar energy is emphasized.

## **GEOGRAPHY 15**

### **Physical Geography Laboratory**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course will involve the student in the description, analysis, explanation, and representation of natural phenomena such as Earth-Sun relationships; Earth representation on maps, aerial photos, and satellite images; measurement of atmospheric temperature, moisture, and pressure; soil types; natural vegetation; land form evolution by tectonic, erosional and depositional forces.

## **GEOLOGY 1**

### **Physical Geology**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

An elementary course dealing with the earth's surface features and the geological laws governing their origin and development.

## **GEOLOGY 6**

### **Physical Geology Laboratory**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This lecture/laboratory course emphasizes the identification of minerals, and their role in rock identification. Utilization of topographic maps in the identification of Geologic features and Geologic structures is emphasized.

## **METEOROLOGY 3**

### **Introduction To Weather And Climate**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course examines the physical laws, which relate to the causes of the weather phenomena and the distribution of climate types. The role of solar energy is emphasized.

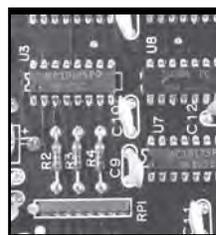
## **OCEANOGRAPHY 1**

### **Introduction To Oceanography**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

An introduction to the general field of oceanography including study of the nature and movement of seawater, tides, currents, and wave action. The ocean deeps, continental shelves and shoreline features will be covered with special reference to Southern California and the changes people have made. Field trip or study aboard a marine research vessel will be an integral part of the course.



## **ELECTRONICS**

**Chair: Roger Wolf**

**(323) 953-4000 ext. 2810 • JH312**

[www.lacitycollege.edu/academic/departments/ctel/index.html](http://www.lacitycollege.edu/academic/departments/ctel/index.html)

## **PROGRAMS OFFERED**

**Associate of Science:  
Electronic Systems**

**Certificate:  
Basic Electronics  
Electronic Systems**

## **DEGREE PROGRAM**

### **ELECTRONIC SYSTEMS TECHNOLOGY**

#### **Associate in Science Degree Career Program**

This curriculum provides for the study of the technical aspects of applied electronics and is designed for persons seeking employment as an electronic technician, electronic service technician, communications technician, customer engineer, radiologic electronics specialist, electronic test technician, electronic research and development technician, or electronics equipment representative.

Successful completion of this curriculum will equip the graduate with sufficient mathematics and theory to enter employment and achieve advancement in a variety of job titles. Laboratory and practical courses develop skills that are

immediately useful to prospective employers and, as well, provide a foundation for more advanced skills which can be developed with a minimum of on-the-job training.

| COURSES                      | UNITS     |
|------------------------------|-----------|
| <b>First Semester</b>        |           |
| Computer Technology 1 .....  | 4         |
| Computer Technology 12 ..... | 4         |
| Electronics 4* .....         | 4         |
| Electronics 10* .....        | 3         |
| <b>Second Semester</b>       |           |
| Electronics 6* .....         | 4         |
| Electronics 8 .....          | 4         |
| Electronics 12* .....        | 3         |
| Computer Technology 20 ..... | 4         |
| <b>Third Semester</b>        |           |
| Electronics 20 .....         | 4         |
| Electronics 22 .....         | 4         |
| Computer Technology 30 ..... | 4         |
| <b>Fourth Semester</b>       |           |
| Electronics 24 .....         | 4         |
| Electronics 48 .....         | 4         |
| <b>Total Units</b> .....     | <b>50</b> |

\* All majors are expected to take Electronics 4 and 10 during one semester. Students are urged to obtain assistance from department faculty in planning their programs.

Suggested Electives: Computer Technology 36, Physics 11

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

### BASIC ELECTRONICS

#### Certificate

A certificate in Basic Electronics will be issued by the Mathematics Department upon application by the student to the department with the successful completion of the following courses. All students must receive a satisfactory grade or better to meet certificate requirements.

| COURSES                      | UNITS |
|------------------------------|-------|
| Computer Technology 1 .....  | 4     |
| Computer Technology 12 ..... | 4     |
| Computer Technology 20 ..... | 4     |

|                      |   |
|----------------------|---|
| Electronics 4 .....  | 4 |
| Electronics 6 .....  | 4 |
| Electronics 8 .....  | 4 |
| Electronics 10 ..... | 3 |
| Electronics 12 ..... | 3 |

**Total Units** ..... 30

Recommended Electives: Electronics 81, 83, and 87

### ELECTRONIC SYSTEMS

#### Certificate

A certificate in Electronic System Technology will be issued by the Mathematics Department upon application by the student to the department with the successful completion of the following courses.

All students must receive a satisfactory grade or better to meet certificate requirements.

| COURSES                                | UNITS |
|----------------------------------------|-------|
| Computer Technology 1, 20, or 30 ..... | 4     |
| Electronics 4 .....                    | 4     |
| Electronics 6 .....                    | 4     |
| Electronics 8 .....                    | 4     |
| Electronics 10 .....                   | 3     |
| Electronics 12 .....                   | 3     |
| Electronics 20 .....                   | 4     |
| Electronics 22 .....                   | 4     |
| Electronics 24 .....                   | 4     |
| Electronics 48 .....                   | 4     |

**Total Units** ..... 38

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### ELECTRONICS 2

#### Introduction to Electronics and Computer Technology 3 UNITS - (CSU)

Lecture 1 hour. Laboratory 3 hours.

An exploratory course for students interested in electronics and computer technology which will and computer technology, which will cover the following topics: careers in electronics, computer technology, circuits, and assembly techniques, including soldering testing and troubleshooting. Students will build a useful electronic product.

### ELECTRONICS 4

#### Fundamentals of Electronics I 4 UNITS - (CSU)

Co-requisite: Electronics 10.

Advisory: English 21/73 or equivalent.

Lecture 3 hours. Laboratory 3 hours.

This course presents the concepts of direct current circuits, including the basics of electricity, series parallel circuits, meters, batteries, resistors, and magnetism. The laboratory emphasizes the development of skills in the analysis of circuits and the use of test equipment.

**ELECTRONICS 6**  
**Fundamentals of Electronics II**  
**4 UNITS - (CSU)**

Prerequisite: Electronics 4 with satisfactory grade or better or equivalent.  
Co-requisite: Electronics 12.

Lecture 3 hours. Laboratory 3 hours.

This course gives a detailed study of alternating current theory and applications. The topics include reactance, impedance, resonance, transformers, coupling, filters, bandpass and time constants. The laboratory emphasizes skills in the use of test equipment in AC circuits.

**ELECTRONICS 8**  
**Electron Devices**  
**4 UNITS - (CSU)**

Prerequisite: Electronics 4 with satisfactory grade or better or equivalent.  
Lecture 3 hours. Laboratory 3 hours.

Presents the nature and operation of solid-state devices including diodes, transistors, and field effect devices. Includes simple circuit applications.

**ELECTRONICS 10**  
**Mathematics of Electronics I**  
**3 UNITS - (CSU)**

Lecture 3 hours.

Introduces method and techniques for the solution of basic DC circuit problems. Includes the study of algebraic operations, simple linear equations, algebraic fractions, ratio and percent, graphing, and use of the electronic calculator.

**ELECTRONICS 12**  
**Mathematics of Electronics II**  
**3 UNITS - (CSU)**

Prerequisite: Electronics 10 with satisfactory grade or better or equivalent.  
Lecture 3 hours.

This course develops a proficiency in the use of algebra, trigonometry, complex numbers, logarithms and determinants, as needed in electronics calculations. The techniques of network solutions are emphasized including Kirchhoff's and Ohm's laws, Thevenin's and Norton's theorems.

**ELECTRONICS 20**  
**Electronics Circuits I**  
**4 UNITS - (CSU)**

Prerequisite: Electronics 6 and 8 with satisfactory grades or better or equivalent

Lecture 3 hours. Laboratory 3 hours.

Applications of electronic devices such as diodes, junction and field effect transistors, and silicon controlled rectifiers to signal and power amplifiers, multistage amplifiers, differential amplifiers, and special functions. Circuit analysis problems are solved in the laboratory and using computer simulations.

**ELECTRONICS 22**  
**Electronics Circuits II**  
**4 UNITS - (CSU)**

Prerequisite: Electronics 6 and 8 with satisfactory grades or equivalent  
Lecture 3 hours. Laboratory 3 hours.

Introduces the concepts of electronics systems by examining details of AM and FM radio communications, circuits, and theory. Includes radio frequency propagation, transmission line theory, antenna theory, and generation and detection of radio waves. The techniques of scientific trouble shooting are included.

**ELECTRONICS 24**  
**Electronics Circuits III**  
**4 UNITS - (CSU)**

Prerequisite: Electronics 20 and 22 with satisfactory grades or better or equivalent.

Lecture 3 hours. Laboratory 3 hours.

Extends the study of the systems concept into more sophisticated electronics, including video and television systems. Includes transmission and broadcast of television signals, and digital-analog hybrid systems for audio and video processing and display. The laboratory emphasizes analysis and trouble shooting with the oscilloscope.

**ELECTRONICS 48**  
**Integrated Circuits**  
**4 UNITS - (CSU)**

Prerequisite: Electronics 20 with a satisfactory grade or equivalent  
Lecture 3 hours. Laboratory 3 hours.

Applications of the integrated circuit operational amplifier such as amplifiers, active filters, and oscillators. Includes analog-digital and digital-analog conversion, digital-analog systems integration, and use of operational amplifiers in robotics and environmental sensing.

**ELECTRONICS 81**  
**Projects Laboratory**  
**1 UNIT - (RPT 3) (A)**

Course designed to give electronics and computer technology students experience in the following techniques: Identification of devices and components, soldering and desoldering, printed circuit assembling, electronics drafting, and chassis fabrication.

**ELECTRONICS 82**  
**Advanced Projects Laboratory**  
**1 UNIT - (CSU) (RPT 2)**

Prerequisite: Electronics 81 with a satisfactory grade or equivalent.  
Advisory: Electronics 4.

This course amplifies the skills learned in Electronics 81 by applying those skills to more advanced projects. These include enclosure design and development, electronic device integration, industrial applications and computer technology driven systems. Includes basic techniques of circuit board prototyping and production.

**ELECTRONICS 87**  
**Technical Documentation**  
**1 UNIT - (CSU) (RPT3)**

Open to all students. This course addresses the critical topics of technical documentation related to electronics and computer technology. Topics will include report writing, experiment documentation, technical memoranda, proposals, and oral technical presentations. Offered as open entry open exit.

**ELECTRONICS 95**  
**Technical Drawing**  
**2 UNITS - (CSU) (RPT1)**

Open to all students. This course covers ANS-Y/4. 1990 Standards for technical drawing. Provides exercises in orthographic drawing, isometric pictorial representation, developments, dimensions, geometric dimensioning and tolerancing (GDT) using a variety of current Computer Aided Design and Drafting applications.

**ELECTRONICS 151**  
**Electronics I**  
**5 UNITS - (CSU)**

Co-requisite: Electronics 152.

This course provides the theory and practical hands-on skills required to work with and design fundamental electronic circuits. Topics include Ohm's Law and power formulas, series, parallel, and series-parallel circuits, direct and

alternating current circuit analysis, magnetism, and inductance and capacitance. The laboratory provides hands-on training in the design and operation of basic circuits and the use of test equipment.

**ELECTRONICS 152**

**Electronics II  
4 UNITS – (CSU)**

Co-requisite: Electronics 151 with a satisfactory grade or better.  
This course provides the essential mathematics necessary to support the theory and laboratory practices of Electronics 151. Extensive use of the calculator is emphasized as a tool for quick and accurate computations involved in circuit analysis. Topics include Ohm's Law, circuit formulas, and powers, roots, trigonometric functions, and logarithms as they are applied to electronic circuit problems.

**ELECTRONICS 153**

**Electronics III  
6 UNITS – (CSU)**

Prerequisite: Electronics 151 with a satisfactory grade or better.  
This course provides theory related to and practical applications of semiconductor electronic devices. Topics include atomic theory as it applies to semiconductors, diodes, and transistors; transistor circuit configurations, operational amplifier theory, and the use of the operational amplifier device in typical electronic and computer circuitry. The laboratory provides hands-on skills in the design and construction of typical circuits and the use of test equipment.

**ELECTRONICS 154**

**Electronics IV  
6 UNITS – (CSU)**

Prerequisite: Electronics 151 with a satisfactory grade or better.  
This course provides instruction in computer logic circuits and microprocessor technology. Topics include Boolean Algebra and computer logic, gates, flip-flops and other circuit elements, the microprocessor as a device, microprocessor system design, and the electronics and programming required to incorporate a microprocessor into a digital or analog system.



**ENGINEERING**

**Chair: Sonia Juan**

**(323) 953-4000 ext. 2924 • FH209C**

[www.lacitycollege.edu/academic/departments/physics/physics.htm](http://www.lacitycollege.edu/academic/departments/physics/physics.htm)

**PROGRAMS OFFERED**

**Associate of Science:  
Engineering**

**DEGREE PROGRAM**

**ENGINEERING**

**Associate of Science Degree  
Transfer Program**

The following classes are required to earn an Associate of Science degree in Engineering from Los Angeles City College. In addition to earning an A.S. degree, taking these courses will prepare the student for transfer to a four year college or university to pursue further studies in the engineering field.

**For Electrical Engineering Majors or Computer Engineering Majors:**

| <b>COURSES</b>                           | <b>UNITS</b> |
|------------------------------------------|--------------|
| General Engineering 101 .....            | 2            |
| Math 261 (First semester Calculus) ..... | 5            |
| Physics 101 .....                        | 5            |
| Chemistry 101 .....                      | 5            |
| General Engineering 131 .....            | 3            |
| Math 262 .....                           | 5            |
| Physics 102 .....                        | 5            |
| Math 263 .....                           | 5            |
| Physics 103 .....                        | 5            |
| Electrical Engineering 220 .....         | 4            |
| Math 275 .....                           | 3            |
| <b>Total Units .....</b>                 | <b>47</b>    |

**For Mechanical Engineering Majors or Civil Engineering Majors:**

| <b>COURSES</b>                   | <b>UNITS</b> |
|----------------------------------|--------------|
| General Engineering 101 .....    | 2            |
| Math 261 .....                   | 5            |
| Physics 101 .....                | 5            |
| Chemistry 101 .....              | 5            |
| General Engineering 131 .....    | 3            |
| Math 262 .....                   | 5            |
| Physics 102 .....                | 5            |
| CSIT 139 or 140 .....            | 3            |
| General Engineering 151 .....    | 3            |
| Math 263 .....                   | 5            |
| Physics 103 .....                | 5            |
| General Engineering 241 .....    | 3            |
| Math 275 .....                   | 3            |
| Electrical Engineering 220 ..... | 4            |
| <b>Total Units .....</b>         | <b>56</b>    |

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency  
(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Also see Math, Science - Physical (Physics & Chemistry)

### ELECTRICAL ENGINEERING

#### ENGINEERING 220

##### Electrical Circuits I

##### 4 UNITS – (UC:CSU)

Prerequisites: Physics 3 with a satisfactory grade or equivalent.

Co-requisite: Mathematics 275.

Includes theory and analysis of electrical circuits, including the operational amplifier, circuit theorems, DC circuits, forced and natural responses of simple circuits, sinusoidal steady state analysis and the use of standard computer-aided circuit analysis program. Reviews power, energy, impedance, phasors, and frequency response.

### GENERAL ENGINEERING

#### ENGINEERING 101

##### Introduction to Science, Engineering and Technology 2 UNITS – (UC:CSU)

Required of all engineering first semester students. Open to all.

This course is an introduction to science, engineering and technology. Topics include history, careers, engineering calculations, engineering design process, professional ethics and responsibility. Emphasis is placed on student development and academic success.

#### ENGINEERING 131

##### Statics

##### 3 UNITS – (UC:CSU)

Prerequisite: Physics 1 with a satisfactory grade or equivalent.

Co-requisite: Mathematics 262 or equivalent.

Two and three dimensional vector forces, resultants, components, and moments are applied to determine equilibrium conditions in trusses, frames, and machines. Center of mass, centroids, friction, and moments of inertia of area and mass are included. Both analytical and graphical solutions are considered.

#### ENGINEERING 151

##### Materials of Engineering

##### 3 UNITS – (UC:CSU)

Prerequisite: Physics 1 and Chemistry 101 with satisfactory grades or better or equivalent.

Covers properties of materials related to atomic and crystal structures; Topics: atomic structure and bonding; crystalline structures; phases and phase diagrams; metals; polymers; ceramics; composites; mechanical deformation and fracture; and electrical and magnetic properties. Also: optical properties, corrosion and process methods.

#### ENGINEERING 211

##### Computer Augmented Design Techniques I

##### 3 UNITS – (UC:CSU)

Advisory: Architecture 36.

An introductory course in computer aided drafting and two-dimensional CAD solutions are also included. Three-dimensional CAD examples. Basic three-dimensional CAD solutions are also included. A wide variety of design projects are assigned, emphasizing engineering problems.

UC limit: 211 and 212 combined, one course maximum credit

#### ENGINEERING 212

##### CADD for Engineers II

##### 3 UNITS – (UC:CSU)

Advisory: Engineering, General 211.

Emphasis is on parametric solid modeling using computer design automation software such as SolidWorks. Fully associative 3-D solid models with and without constraints are created utilizing automatic or user defined relations to capture design intent. Focus is on engineering problems and solutions.

UC limit: 211 and 212 combined, one course maximum credit

#### ENGINEERING 241

##### Strength of Materials

##### 3 UNITS – (UC:CSU)

Prerequisite: Engineering, General 131 with a satisfactory grade or equivalent.

Topics covered are stress and strain, axial loading, torsion, flexural stresses, transverse shear stresses, horizontal shear stresses and stress transformations. Mohr's Circle, pressure vessels, shear and bending moment diagrams, stresses in bear, methods of superposition, elastic strain energy are also studied.



## ENGLISH & ESL

Chair: Alexandra Maeck  
(323) 953-4000 ext. 2700 • JH300A  
PROGRAMS OFFERED

Associate of Arts:  
English

Other Courses:  
Linguistics

## DEGREE PROGRAM

### ENGLISH

#### Associate of Arts Degree Transfer Program

The English/ESL department is dedicated to help students at all levels to develop the skills essential for the truly educated: to read perceptively, to write and speak clearly, and to think analytically.

The department offers programs of English for both ESL and transfer students.

**ESL classes are offered at every level:**

- The "A" series (ESL 1 – 6) emphasizes writing skills.
- The "B" series (ESL 1 – 3) emphasizes reading skills.
- The "C" series (ESL 1 – 3) emphasizes listening/speaking skills.

**An Associate of Arts Degree in English** requires a minimum of 18 units in the major in addition to the Plan A General Education requirements. The English curriculum encourages students who plan to transfer to begin their program of coursework early so that they will have completed all the required lower-division courses by the time they are ready to apply to four-year colleges or universities. **Nine to 12 of the required 18 units must be satisfied by taking English 102 (if not used to fulfill general education requirements), 203, 205, and 206.**

**Students who transfer as English majors** must realize that the requirements vary from institution to institution.

The requirements for additional English and foreign language classes vary from school to school. Students should consult with a counselor to make sure they have the most complete and up-to-date information. Please refer to [www.assist.org](http://www.assist.org) for most recent major preparation requirements of CSU and UC systems

| REQUIRED COURSES                                                          | UNITS       |
|---------------------------------------------------------------------------|-------------|
| English 102 (If not used to fulfill general education requirements) ..... | 3           |
| English 203 .....                                                         | 3           |
| English 205 .....                                                         | 3           |
| English 206 .....                                                         | 3           |
| <b>Total Required Units .....</b>                                         | <b>9-12</b> |

In addition to the courses listed above, the student will fulfill the balance (6-9 units) of their required 18 units for their Associate of Arts Degree in English from the following courses:

| ADDITIONAL COURSES                  | UNITS      |
|-------------------------------------|------------|
| English 127 .....                   | 3          |
| English 204 .....                   | 3          |
| English 208 .....                   | 3          |
| English 211 .....                   | 3          |
| English 212 .....                   | 3          |
| English 214 .....                   | 3          |
| English 215 .....                   | 3          |
| English 216 .....                   | 3          |
| English 218 .....                   | 3          |
| English 240 .....                   | 3          |
| Foreign Language Level III .....    | 5          |
| <b>Total Additional Units .....</b> | <b>6-9</b> |

|                                                                               |            |
|-------------------------------------------------------------------------------|------------|
| <b>Total Units Required for the Associate of Arts Degree in English .....</b> | <b>18</b>  |
| <b>(if Foreign Language Level III is chosen .....</b>                         | <b>20)</b> |

Note: English majors are also advised to take English 103 to fulfill a general education requirement, but this course would not apply toward major requirements.

Students who transfer as English majors must realize that requirements for additional English and foreign language classes vary from school to school. Students should consult with a counselor to make sure they have the most complete and up-to-date information.

To complete general education requirements in this area of study, **Plan A for the AA/AS Degree is required.**

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency (Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

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### ENGLISH - BASIC SKILLS

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#### ENGLISH 20 College Reading Skills 6 UNITS - NDC

Prerequisite: Appropriate placement score.

Advisory: English 67 and English 68.

Instruction in techniques of writing of clear, coherent compositions and improvement in reading skills which reinforce writing skills necessary for academic success. Reading assignments reinforce writing skills.

#### ENGLISH 21 English Fundamentals 3 UNITS - NDC

Prerequisite: English 20, ESL 6A, or appropriate placement score.

Co-requisite: English 67.

Advisory: English 68.

Introduction to English fundamentals, focusing on basic grammar, reading, and writing skills.

#### ENGLISH 28 Intermediate Reading and Composition 3 UNITS – (A)

Prerequisite: ESL 6A or English 21 or equivalent or appropriate placement score.

Advisory: English 67 and English 68.

Instruction in techniques of essay writing, grammar, and reading assignments at the college level, which reinforce writing skills.

**ENGLISH 31**  
**Composition and Critical Reading**  
**5 UNITS – (A)**

Prerequisite: ESL 6A or English 21 or appropriate placement score.  
 Advisory: English 68.  
 Intensive practice in reading, critical thinking, and writing skills needed in college transfer courses and on the job.

**ENGLISH 33**  
**Basic Vocabulary**  
**3 UNITS – NDC**

Prerequisite: English 20, or eligibility for English 21.  
 Designed to help students learn, retain, and use words more effectively.  
 Emphasis on prefixes, roots, and suffixes, as well as dictionary use.

**ENGLISH 46**  
**Reading and Study Improvement**  
**3 UNITS – NDC**

Develops reading versatility and efficiency: rapid reading skills, skimming skills, critical reading skills and study skills. Prepares students to read materials used in college level courses.

**ENGLISH 47**  
**Reading Clinic**  
**3 UNITS – (RPT 1) NDC**

Develops the skills necessary to comprehend college level reading material: analysis of sentences, paragraphs, articles, and textbook format; techniques of outlining, underlining and critical reading; college level vocabularies.

**ENGLISH 67**  
**Writing Laboratory**  
**0.5 UNITS – (RPT 3) NDC**

Individual help in improving college writing; organization, clarity, and mechanics.  
 Note: English 21 students are required to take English 67.

**ENGLISH 68**  
**Reading Laboratory**  
**0.5 UNITS – (RPT 3) NDC**

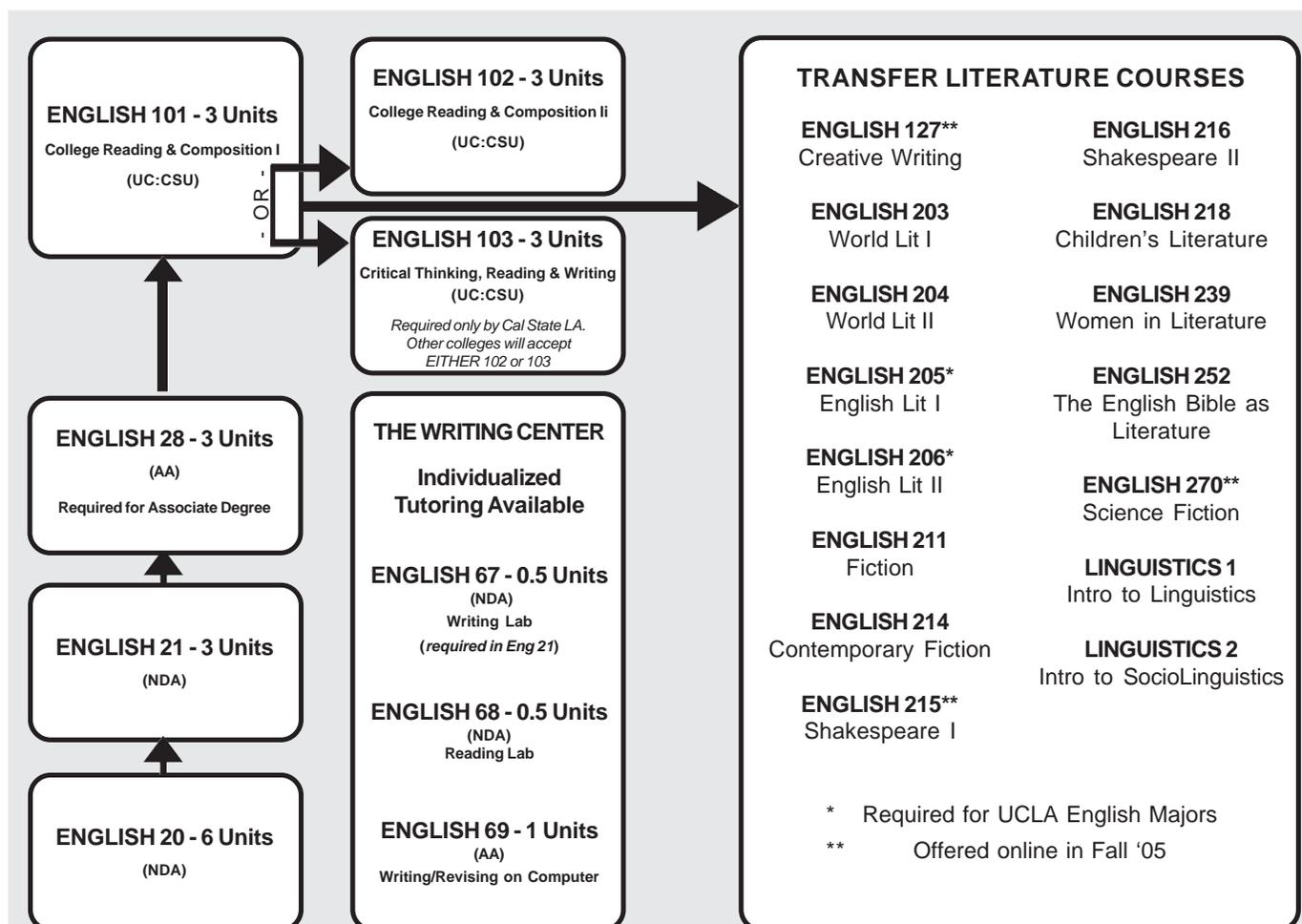
Individual help in improving college reading. Emphasis on vocabulary, sentence and paragraph meaning, and finding main ideas.

**ENGLISH 69**  
**Writing and Revising on the Computer**  
**1 UNIT – (RPT 3) NDC**

Individual help in using computers to improve their writing skills including organizing, spelling, punctuation, and mechanics.

**ENGLISH 71**  
**Writing and Research for the Internet**  
**1 UNIT – (RPT 1) NDC**

Advisory: English 69.  
 Learn academic and professional research and writing using Internet resources. Write research projects for the World Wide Web on such topics as education, employment, recreation, and politics.



\* Required for UCLA English Majors  
 \*\* Offered online in Fall '05

**ENGLISH 94****Intensive Grammar Review****3 UNITS – NDC**

Advisory: Eligibility for English 21.

An intensive review of grammar and sentence structure for students who want extra help before taking English 28 or 101.

**UNIVERSITY TRANSFER COURSES****ENGLISH 101****College Reading and Composition I****3 UNITS - (UC:CSU)**

Prerequisite: English 28/31 or appropriate placement score.

Advisory: English 67 or 68.

English 101 is a transferable course that develops proficiency in college-level reading and writing through the practice of critical thinking and well-developed logical expository writing.

**ENGLISH 102****College Reading and Composition II****3 UNITS - (UC:CSU)**

Prerequisite: of English 101 or equivalent.

Development of critical thinking, reading, and writing skills beyond the level achieved in English 101 and emphasizes logical reasoning, analysis, and strategies of argumentation using literature and literary criticism as subject matter.

**ENGLISH 103****Critical Thinking, Reading, and Writing****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

Development of logical, argumentative, and analytical thinking through examination of written and other types of cultural texts.

**ENGLISH 127****Creative Writing****3 UNITS – (RPT 2) (UC:CSU)**

Prerequisite: English 101 or equivalent.

This course offers blocks of intensive training in writing poetry, prose fiction, and/or playwriting. Discussion of each participant's writing is the central mode of instruction, supplemented by examples of published writers and theoretical essays on the creative process.

**ENGLISH 137****Library Research and Bibliography****1 UNITS - (UC:CSU)**

Prerequisite: English 28 or equivalent.

Students learn how to use Internet resources to evaluate online information to publish original multimedia research projects.

**ENGLISH 203****World Literature I (beginnings to 1600)****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

Reading key literary works and ideas of the Western world, the Middle East, Africa, and Asia, from antiquity to the seventeenth century, in order to appreciate these literary works and express that appreciation in reasoned analyses.

**ENGLISH 204****World Literature II (1600 to the present)****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

A reading of key literary works and ideas of the Western world, the Middle East, Africa, Asia, India, and the Americas, from the seventeenth century to the present, in order to increase understanding of the modern world.

**ENGLISH 205****English Literature I (Beginnings to 1800)****3 UNITS - (UC:CSU)**

Prerequisite: English 102 or equivalent.

Reading, discussion and analysis of major works of English literature from the beginnings of the nineteenth century, to develop student's understanding and appreciation of the poetry, fiction, and drama of these literary periods, and to express that appreciation in reasoned analyses.

**ENGLISH 206****English Literature II: Eighteenth Century to the Present****3 UNITS - (UC:CSU)**

Prerequisite: English 102 or equivalent.

Reading, discussion, and analysis of major works of English literature from the nineteenth century to the present. Designed to develop the student's ability to understand and appreciate the poetry, fiction, and drama of these literary periods and to express that appreciation in reasoned analyses.

**ENGLISH 208****American Literature II: Nineteenth Century to the Present****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

The course covers American writers from the Civil War period to the present. Writers include Mark Twain, Kate Chopin, Robert Frost, Wallace Stevens, Langston Hughes, William Faulkner, Zora Neal Hurston, Leslie Marmon Silko, Tomas Rivera, Bharati, Mukerjee, and Allen Ginsberg and others.

**ENGLISH 211****Fiction****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

Reading discussion, and analysis of selected short stories and novels written in, or translated into, English from a diversity of cultures and countries to increase students' understanding and appreciation of the art and craft of fiction writing.

**ENGLISH 212****Poetry****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

Reading, discussion, and analysis of selected poetry written in, or translated into, English from all countries and cultures to increase the student's understanding and appreciation of poetry.

**ENGLISH 214****Contemporary Literature****3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

A reading of key literary works and ideas of the recent mainstream and ethnically diverse literature to develop understanding and appreciation of contemporary culture, through reasoned analyses of its literature.

**ENGLISH 215**  
**Shakespeare I**  
**3 UNITS - (UC: CSU)**

Prerequisite: English 101 or equivalent.

A reading of Shakespeare to develop an understanding of and appreciation for his sonnets and representative comedies, histories, and tragedies.

**ENGLISH 216**  
**Shakespeare II**  
**3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

A continuation of the study of Shakespeare's poetry, theater and drama with a selection of different works of Shakespeare than those used in English 215.

**ENGLISH 218**  
**Children's Literature**  
**3 UNITS – (CSU)**

Prerequisite: English 101 or equivalent.

Reading, discussion, and analysis of children's literature: fairy tales, myths, fiction, and poetry.

**ENGLISH 219**  
**The Literature of American Ethnic Groups**  
**3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

A reading of the fiction, non-fiction, poetry, and plays from the 17th to the 21st centuries from the various cultures and ethnicities that have contributed to American cultures.

**ENGLISH 239**  
**Women in Literature**  
**3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

This course offers a survey of literature in English by women, with an emphasis on writers of 20th century. The course includes prose fiction, poetry, autobiography, and essays.

**ENGLISH 240**  
**Literature and the Motion Picture I**  
**3 UNITS - (UC:CSU)**

Prerequisite: English 101 or equivalent.

This course gives students opportunities to analyze and evaluate films of artistic and cultural significance. The language, structure, and narrative techniques of film and literary classics will be compared by reading literature and watching films based on these literary sources.

**ENGLISH 252**  
**The English Bible as Literature**  
**3 UNITS – (UC:CSU)**

Prerequisite: English 101 or equivalent.

A study of the Bible with the Oxford Annotated Text as the basic text, in order to study the principal achievements of the Hebrew and Greek Testaments, and to note literary and cultural influence.

**ENGLISH 270**  
**Science Fiction – Fantasy**  
**3 UNITS (UC:CSU)**

Prerequisite: English 101 or equivalent.

This course presents science fiction literature, with emphasis on use of mythology, science fiction by scientists and non-scientists philosophically oriented science fictions and science fiction as fantasy and escape literature.

**ENGLISH 185 Directed Study — 1 UNIT (CSU) (RPT 2)**  
**ENGLISH 285 Directed Study — 2 UNITS (CSU)**  
**ENGLISH 385 Directed Study — 3 UNITS (CSU)**

Prerequisite: Approval of proposed project. See Department Chair.

This course allows students to pursue directed study in literary analysis, a particular genre or period, or independent research on a contract basis under the direction of a supervising instructor. A maximum of 3 units in Directed Study may be taken for credit.

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**COLLEGE ENGLISH AS A SECOND LANGUAGE**

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**ESL 1A**  
**Integrated Skills: Reading and Writing**  
**6 UNITS - NDC**

Prerequisite: Appropriate score on the ESL placement assessment test.

Advisory: ESL 1B.

(Credit/No Credit)

For low-beginning ESL students. Emphasis on development of basic grammar, reading and writing for college work.

**ESL 1B**  
**Integrated Skills: Listening and Speaking**  
**6 UNITS - NDC**

Prerequisite: Appropriate score on the ESL placement assessment.

Advisory: ESL 1A.

(Credit/No Credit)

For low beginning ESL students. Emphasis on development of basic listening and speaking.

**ESL 2A**  
**Integrated Skills: Reading and Writing**  
**6 UNITS - NDC**

Prerequisite: ESL1A or appropriate score on the ESL placement assessment.

Advisory: ESL 2B.

(Credit/No Credit)

For beginning ESL students. Emphasis on development of basic reading and writing for college work.

**ESL 2B**  
**Integrated Skills: Listening and Speaking**  
**6 UNITS - NDC**

Prerequisite: ESL1B or appropriate score on the ESL placement assessment.

Advisory: ESL 2A.

(Credit/No Credit)

For beginning ESL students. Emphasis on development of basic speaking and listening for college work.

**ESL 3A**  
**Writing and Grammar**  
**6 UNITS - NDC**

Prerequisite: ESL 2A or appropriate score on ESL placement.

Advisory: ESL 3B and ESL 3C.

(Credit/No Credit)

For low intermediate ESL students. Improves writing to help prepare students for college work

**ESL 3B**  
**Reading and Vocabulary**  
**3 UNITS - NDC**

Prerequisite: ESL 2B or appropriate score on the ESL placement assessment.  
 Advisory: ESL 3A and ESL 3C.  
 (Credit/No Credit)  
 For low intermediate ESL students. Improves reading and vocabulary to help prepare students for college work.

**ESL 3C**  
**Listening and Speaking**  
**3 UNITS - NDC**

Prerequisite: ESL 2B or appropriate score on the ESL placement assessment.  
 Advisory: ESL 3A and ESL 3B.  
 (Credit/No Credit)  
 For low intermediate ESL students. Improves listening and speaking skills to help prepare students for college work.

**ESL 4A**  
**Writing and Grammar**  
**6 UNITS - NDC**

Prerequisite: Satisfactory completion of ESL 3A or appropriate score on the ESL placement assessment.  
 Advisory: ESL 4B.  
 (Credit/No Credit)  
 For intermediate ESL students. Improves writing to help prepare students for college work.

**ESL 4B**  
**Reading and Vocabulary**  
**3 UNITS - NDC**

Prerequisite: Satisfactory completion of ESL 3B or appropriate score on the ESL placement assessment.  
 Advisory: ESL 4A.  
 (Credit/No Credit)  
 For intermediate ESL students. Improves reading to help prepare students for college work.

**ESL 5A**  
**Writing and Grammar**  
**6 UNITS - NDC**

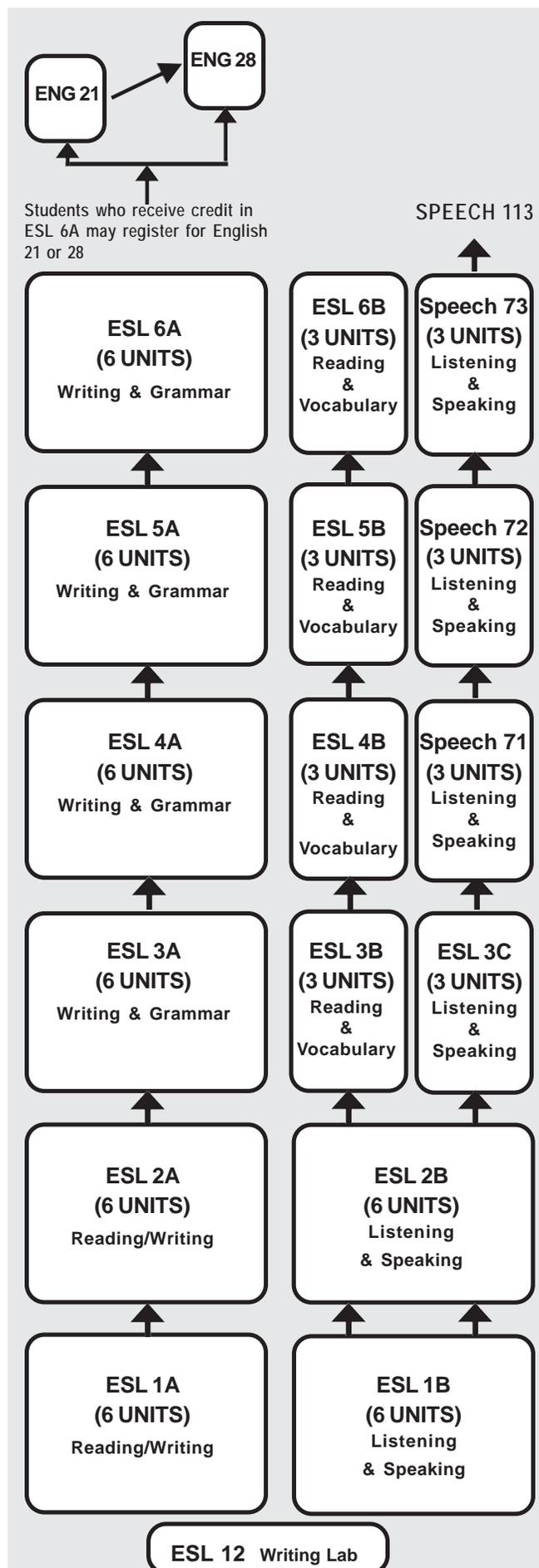
Prerequisite: ESL 4A or appropriate score on the ESL placement assessment.  
 Advisory: ESL 5B.  
 For low advanced ESL students. Improves writing to help students prepare for college work.

**ESL 5B**  
**Reading and Vocabulary**  
**3 UNITS - NDC**

Prerequisite: ESL 4B or appropriate score on the ESL placement assessment.  
 Advisory: ESL 5A.  
 For low-advanced students Improves reading to help prepare students for college work.

**ESL 6A**  
**Writing and Grammar**  
**6 UNITS - NDC**

Prerequisite: ESL 5A or appropriate score on the ESL placement assessment.  
 Advisory: ESL 6B.  
 For advanced students. Improves writing to help prepare students for college work.



## ESL 6B

### Reading and Vocabulary

#### 3 UNITS - NDC

Prerequisite: ESL 5B or appropriate score on the ESL placement assessment.

Advisory: ESL 6A.

For advanced ESL students. Improves reading to help prepare students for college work.

## ESL 12

### Writing and Revising on the Computer for ESL Students

#### 1 UNIT - (RPT3) NDC

Introduction to computer resources for ESL students at any level of English.

## LINGUISTICS 1

### Introduction to Language and Linguistics

#### 3 UNITS – (UC:CSU)

Prerequisite: English 21 or equivalent.

Examination of the nature of language: its sociological, psychological, and universal aspects.

## LINGUISTICS 2

### Introduction to Sociolinguistics

#### 3 UNITS – (UC:CSU)

Prerequisite: English 28/31 with a satisfactory grade or equivalent.

Learn how societies create, maintain, and change language. Study experiments with language in performance context. Useful for all students of language and society.

## LINGUISTICS 3

### Introduction to Psycholinguistics

#### 3 UNITS – (CSU)

Prerequisite: English 28/31 with a satisfactory grade or equivalent.

Learn how the brain creates, stores, and uses language. Study experiments with language and mind. Useful for all students of language and cognitive science.



## FAMILY & CONSUMER STUDIES (DIETETICS)

Chair: Kathleen Bimber  
(323) 953-4000 ext. 2290 • AD 200

Vice Chair: Janice Young  
(323) 953-4000 ext. 2291 • AD 200

[www.lacitycollege.edu/academic/departments/dietetics/index.html](http://www.lacitycollege.edu/academic/departments/dietetics/index.html)

## PROGRAMS OFFERED

### Associate of Science: Dietetic Technician (2 & 3 year plans)

### Certificates: Dietetic Service Supervisor

## DIETETICS

The Family & Consumer Studies Department offers two career paths for students interested in a career in institutional food service and nutritional care of clients. Students may obtain a Dietetic Technician Associate of Science degree and/or a Dietetic Service Supervisor certificate.

## DEGREE PROGRAMS

### DIETETIC TECHNICIAN

#### Associate of Science Degree

#### Career Program

(Students desiring to transfer should officially major in Liberal Studies)

### SPECIAL NOTE:

During the July 23-24, 2001 meeting, the Dietetic Technician Program at Los Angeles City College was granted initial accreditation by the Commission on Accreditation for Dietetics Education of The American Dietetic Association. The address and phone number of CADE is 120 South Riverside Plaza, Suite 2000, Chicago, IL, 60606-6995, (312) 899-0040, extension 5500.

Dietetic technicians, registered (DTRs) are trained in food and nutrition and are an integral part of health care and food service management teams.

Dietetic technicians, registered work independently or in teams with registered dietitians in a variety of employment settings, including health care, business and industry, public health, food service, and research.

### DTRs work in:

- Hospitals, HMOs, clinics, nursing homes, retirement centers, hospices, home health care programs, and research facilities, helping to treat and prevent disease and administering medical nutrition therapy as an important part of health care teams.
- Schools, day care centers, correctional facilities, restaurants, health care facilities, corporations, and hospitals, managing employees, purchasing, and food preparation and preparing budgets within food service operations.
- WIC programs, public health agencies, Meals on Wheels, and community health programs, developing and teaching nutrition classes for the public.
- Health Clubs, weight management clinics, and community wellness centers, helping to educate clients about the connection between food, fitness, and health.
- Food companies, contract food management companies, or food vending and distributing operations, developing menus, overseeing food service sanitation and food safety, and preparing food labeling information and nutrient analysis.

- Courses are planned in sequence. Completion of all courses with at least a "C" grade is required for progress in the program. The Associate of Science degree curriculum meets the requirements of CADE of the American Dietetic Association.
- Refer to Graduation Requirements "Plan B" for additional information. Students wanting to transfer to a four-year college or university with a major in Dietetics or Nutrition should complete eighteen units in preparation for the major along with the General Education courses needed for transfer to the institution of their choice. The Associate of Arts degree should be in Liberal Studies.

A verification statement that allows the candidate to sit for the Dietetic Technician Registration exam is issued upon successful completion of the program and a score of at least 75% on a preparation for the DTR exam administered by the Family and Consumer Studies Department. Students are eligible for membership in the American Dietetic Association. Passing the DTR exam authorizes use of the initials "DTR" after the name. Graduates may also take the Dietary Manager's exam.

Class scheduling restricts the completion of this program to the day. However, working students who are able to have one day off during the week may complete the program. Students must provide their own transportation to assigned supervised practice sites within the greater Los Angeles area. A Mantoux test, MMR, health exam and student malpractice insurance are required for supervised practice courses.

### SUGGESTED 2-YEAR COURSE PLAN

| COURSES                                         | UNITS |
|-------------------------------------------------|-------|
| <b>First Semester</b>                           |       |
| Family & Consumer Studies 21/Nutrition 21 ..... | 3     |
| Family & Consumer Studies 50 .....              | 3     |
| Family & Consumer Studies 55 .....              | 3     |
| Math 115 .....                                  | 5     |
| English 101 .....                               | 3     |
| <b>Second Semester</b>                          |       |
| Family & Consumer Studies 24 .....              | 3     |
| Family & Consumer Studies 56 .....              | 3     |
| Family & Consumer Studies 156 .....             | 2     |
| Speech Communication 101 .....                  | 3     |
| Biology 25 .....                                | 3     |
| Physical Education .....                        | 1     |
| <b>Third Semester</b>                           |       |
| Family & Consumer Studies 27 .....              | 3     |
| Family & Consumer Studies 51 .....              | 3     |
| Family & Consumer Studies 127 .....             | 2     |
| Family & Consumer Studies 151 .....             | 2     |
| Health 11 .....                                 | 3     |
| Humanities Requirement .....                    | 3     |
| <b>Fourth Semester</b>                          |       |
| Family & Consumer Studies 28 .....              | 3     |
| Family & Consumer Studies 29 .....              | 1     |
| Family & Consumer Studies 52 .....              | 3     |
| Family & Consumer Studies 128 .....             | 2     |

|                                         |           |
|-----------------------------------------|-----------|
| Family & Consumer Studies 129 .....     | 2         |
| American Institutions Requirement ..... | 3         |
| <b>Total Units .....</b>                | <b>62</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

### SUGGESTED 3-YEAR COURSE PLAN (For the Part-Time Student)

| COURSES                                      | UNITS     |
|----------------------------------------------|-----------|
| <b>First Semester</b>                        |           |
| Family & Consumer Studies 50 .....           | 3         |
| Family & Consumer Studies 55 .....           | 3         |
| Mathematics 115 .....                        | 5         |
| English 101 .....                            | 3         |
| <b>Second Semester</b>                       |           |
| Family & Consumer Studies 21/Nutrition ..... | 3         |
| Family & Consumer Studies 56 .....           | 3         |
| Family & Consumer Studies 156 .....          | 2         |
| Biology 25 .....                             | 3         |
| <b>Third Semester</b>                        |           |
| Family & Consumer Studies 27 .....           | 3         |
| Family & Consumer Studies 127 .....          | 2         |
| Speech Communication 101 .....               | 3         |
| Physical Ed .....                            | 1         |
| <b>Fourth Semester</b>                       |           |
| Family & Consumer Studies 24 .....           | 3         |
| Family & Consumer Studies 28 .....           | 3         |
| Family & Consumer Studies 128 .....          | 2         |
| Health 11 .....                              | 3         |
| <b>Fifth Semester</b>                        |           |
| Family & Consumer Studies 51 .....           | 3         |
| Family & Consumer Studies 151 .....          | 2         |
| Humanities Requirement .....                 | 3         |
| <b>Sixth Semester</b>                        |           |
| Family & Consumer Studies 29 .....           | 1         |
| Family & Consumer Studies 52 .....           | 3         |
| Family & Consumer Studies 129 .....          | 2         |
| American Institutions Requirement .....      | 3         |
| <b>Total Units .....</b>                     | <b>62</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog

"Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

### DIETETIC SERVICE SUPERVISOR

#### Certificate

Completion of Dietetic Service Supervisor Certificate program meets the standards of training for Dietetic Service Supervisors specified in Federal and State regulations. The California Department of Health Services approves this certificate. Upon completion this certificate qualifies students to work as the food service director in a skilled nursing facility. Some responsibilities of the Dietetic Service Supervisor are to supervise employees, assure menu acceptance by clients, and manage food production. Completion of the program qualifies a person to take the Dietary Manager's exam.

Successful completion of English 28 is strongly advised for the DSS Certificate. Concurrent enrollment, or completion of Math 105, or Learning Skills 10ABC is advised to ensure successful completion of many courses in this certificate. A grade of "C" or better is required in all courses. Students must provide own transportation to assigned field placement sites. A Mantoux test, health exam and student malpractice insurance are required for supervised practice courses.

| COURSES                                                     | UNITS     |
|-------------------------------------------------------------|-----------|
| <b>First Semester</b>                                       |           |
| Family & Consumer Studies 21/Nutrition 21 .....             | 3         |
| Family & Consumer Studies 50 .....                          | 3         |
| Family & Consumer Studies 51 .....                          | 3         |
| Family & Consumer Studies 55 .....                          | 3         |
| Family & Consumer Studies 151 .....                         | 2         |
| English 28 (strongly advised)                               |           |
| <b>Second Semester</b>                                      |           |
| Family & Consumer Studies 24 .....                          | 3         |
| Family & Consumer Studies 52 .....                          | 3         |
| Family & Consumer Studies 56 .....                          | 3         |
| Family & Consumer Studies 156 .....                         | 2         |
| Mathematics 105 or Learning Skills 10ABC (strongly advised) |           |
| <b>Total Units</b> .....                                    | <b>25</b> |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### FAMILY AND CONSUMER STUDIES 21/NUTRITION 21

#### Nutrition

#### 3 UNITS - (UC: CSU)

Co-requisite: English 21 or equivalent.

The current concepts in nutrition are presented in a lecture/discussion format. Nutrition is the science that deals with the role of nutrients in the human body. Nutrition in human development from conception through the life cycle is emphasized.

### FAMILY AND CONSUMER STUDIES 24

#### Food Preparation

#### 3 UNITS - (CSU)

Advisory: English 21 or equivalent.

Lecture 2 hours. Laboratory 3 hours.

This course is offered only in the spring semesters. The scientific fundamentals of food preparation are emphasized using current technology. The role of food in cultures, nutrition and the economy are integrated into meal planning and preparation.

### FAMILY AND CONSUMER STUDIES 27

#### Nutrition Care

#### 3 UNITS - (CSU)

Prerequisite: Family and Consumer Studies 21, 55, 56 or equivalent.

Co-requisite: Concurrent enrollment in Family and Consumer Studies 127 required.

Advisory: English 101, Biology 25 or Anatomy 1.

This course is offered only fall semesters, day session. Nutrition problems of patients with cancer, AIDS, heart diseases, renal diseases, and liver diseases are studied for appropriate menu modifications. The development and implementation of nutrition care plans are emphasized.

### FAMILY AND CONSUMER STUDIES 28

#### Advanced Nutrition Care

#### 3 UNITS - (CSU)

Prerequisite: Family and Consumer Studies 27 or equivalent.

Co-requisite: Concurrent enrollment in Family and Consumer Studies 128 required.

This course is offered only spring semesters, day session. Nutritional needs at each stage of the life cycle are studied in depth. Cultural food preferences are studied and incorporated into nutrition education and counseling of clients.

### FAMILY AND CONSUMER STUDIES 29

#### Dietetic Seminar

#### 1 UNIT - (CSU)

Prerequisite: Family and Consumer Studies 28 with a satisfactory grade or equivalent.

This course is offered only spring semesters, day session. Introduction to institutional menu analysis for food requisitioning, food production planning and implementation. Basic principles of quantity cooking are emphasized.

### FAMILY AND CONSUMER STUDIES 31

#### Marriage and Family Life

#### 3 UNITS - (UC: CSU)

Prerequisite: English 21 or equivalent.

Interpersonal growth and rewarding relationship are explored over the course of the family life cycle. Examines the impact of social, psychological and economic forces that affect the family.

**FAMILY AND CONSUMER STUDIES 50****Sanitation and Safety****3 UNITS - (CSU)**

Co-requisite: Concurrent enrollment in English 21 or equivalent.

An introduction to the basic principles of food borne illnesses, sanitation principles and systems, quality assurance, safety, work simplification and government regulation of food service.

**FAMILY AND CONSUMER STUDIES 51****Food Production Management****3 UNITS - (CSU)**

Co-requisite: Concurrent enrollment Family and Consumer Studies 151 is required.

Advisory: English 21 or equivalent, Mathematics 105 or Learning Skills 10ABC or higher.

Students can satisfy English and Mathematics requirements by appropriate placement on the College Assessment.

This course is offered only fall semesters, day session. Introduction to institutional menu analysis for food requisitioning, food production planning and implementation. Basic principles of quantity cooking are emphasized.

**FAMILY AND CONSUMER STUDIES 52****Food Service Management****3 UNITS - (CSU)**

Prerequisite: Family and Consumer Studies 51 and 55 or equivalent.

Principles of management of resources in quantity food service including: selection, evaluation, supervision, financial statements, cash control, budgeting, computer applications.

**FAMILY AND CONSUMER STUDIES 55****Dietetic Education****3 UNITS - (CSU)**

Advisory: English 21 or equivalent.

This course is offered only fall semesters. An introduction to careers in dietetics and school food service. The application of communication skills to training, counseling, and education is studied.

**FAMILY AND CONSUMER STUDIES 56****Nutrition Delivery Systems****3 UNITS - (CSU)**

Co-requisite: Family and Consumer Studies 156 required.

Advisories: English 21 or equivalent, and Mathematics 105 or higher, Learning Skills 10ABC or higher.

This course is offered only spring semesters, day session. Introduction to nutrition delivery systems and institutional menu diet modifications. State and Federal regulatory guidelines for food service are studied.

**FAMILY AND CONSUMER STUDIES 127****Nutrition Care Laboratory****2 UNITS - (A)**

Prerequisite: Physical examination, negative TB test with the past 6 months, MMR, student malpractice insurance.

Co-requisite: Concurrent enrollment with Family and Consumer Studies 27 required.

This course is offered only fall semesters, day session. This clinical laboratory provides supervised practice in development and implementation of nutrition care plans in acute care facilities.

**FAMILY AND CONSUMER STUDIES 128****Advanced Nutrition Care Laboratory****2 UNITS - (A)**

Prerequisite: Family and Consumer Studies 127 Physical examination, negative TB test within the past 6 months, MMR, student malpractice insurance.

Co-requisite: Family and Consumer Studies 28.

This course is offered only spring semesters, day session. This clinical laboratory provides supervised practice in group education and counseling of clients from various stages of the life cycle.

**FAMILY AND CONSUMER STUDIES 129****Dietetic Laboratory****2 UNITS - (A)**

Prerequisite: Physical examination and negative TB test within the past 6 months, student malpractice insurance; Family and Consumer Studies 151.

This course is offered only spring semesters, day session. This clinical laboratory provides supervised practice in management and marketing of food service facilities.

**FAMILY AND CONSUMER STUDIES 151****Food Production Management Laboratory****2 UNITS - (A)**

Prerequisite: Physical examination and negative TB test within the past 6 months, student malpractice insurance.

Co-requisite: Concurrent enrollment in Family and Consumer Studies 51 required.

This course is offered only fall semesters, day session. This clinical laboratory provides supervised practice in food requisitioning, food production planning and quantity food production.

**FAMILY AND CONSUMER STUDIES 156****Nutrition Delivery Systems Laboratory****2 UNITS - (A)**

Prerequisite: Physical examination and negative TB test within the past 6 months, student malpractice insurance.

Co-requisite: Concurrent enrollment in Family and Consumer Studies 56 required.

This course is offered only spring semesters, day session. This clinical laboratory provides supervised practice in nutritional services including modified diets and the health care team. Nutrition delivery systems are evaluated according to state and federal regulatory guidelines.

**FAMILY AND CONSUMER STUDIES 185****Directed Study — 1 UNIT (CSU)****FAMILY AND CONSUMER STUDIES 2855****Directed Study — 2 UNITS (CSU)****FAMILY AND CONSUMER STUDIES 385****Directed Study — 3 UNITS (CSU)**

Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.

This course enables Family Consumer Studies students to pursue on their own an in-depth study of a subject of special interest in the field of Family and Consumer Studies. Consultation with the instructor on a weekly basis, plus independent work is required.



# FOREIGN LANGUAGES

**Chair: Eiko Kitajima Chatel**  
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[www.lacitycollege.edu/academic/departments/forlang/index.html](http://www.lacitycollege.edu/academic/departments/forlang/index.html)

## PROGRAMS OFFERED

### Associate of Arts:

- Chinese
- French
- German
- Italian
- Japanese
- Spanish

### Other Courses:

- Arabic
- Armenian
- Filipino
- Korean
- Latin
- Portuguese
- Russian

## DEGREE PROGRAMS

### FOREIGN LANGUAGES

**Associate of Arts Degree**  
**Transfer Program**

#### CHINESE

Eighteen or more units of classes chosen from below.  
 Must include Chinese 4 with a satisfactory grade or better.

| COURSES                        | UNITS |
|--------------------------------|-------|
| Chinese 1 .....                | 5     |
| Chinese 2 .....                | 5     |
| Chinese 3 .....                | 5     |
| Chinese 4 .....                | 5     |
| Chinese 10 .....               | 3     |
| Art 105 .....                  | 3     |
| Asian American Studies 6 ..... | 3     |

#### FRENCH

Eighteen or more units of classes chosen from below.  
 Must include French 4 with a satisfactory grade or better.

| COURSES             | UNITS |
|---------------------|-------|
| French 1 .....      | 5     |
| French 2 .....      | 5     |
| French 3 .....      | 5     |
| French 4 .....      | 5     |
| French 5 .....      | 5     |
| French 6 .....      | 5     |
| French 8 .....      | 2     |
| French 10 .....     | 3     |
| English 203 .....   | 3     |
| English 2 .....     | 3     |
| Latin 1 .....       | 5     |
| Linguistics 1 ..... | 3     |

#### GERMAN

Eighteen or more units of classes chosen from below.  
 Must include German 4 with a satisfactory grade or better.

| COURSES             | UNITS |
|---------------------|-------|
| German 1 .....      | 5     |
| German 2 .....      | 5     |
| German 3 .....      | 5     |
| German 4 .....      | 5     |
| English 203 .....   | 3     |
| English 204 .....   | 3     |
| Linguistics 1 ..... | 3     |

#### ITALIAN

Eighteen or more units of classes chosen from below.  
 Must include Italian 4 with a satisfactory grade or better.

| COURSE              | UNITS |
|---------------------|-------|
| Italian 1 .....     | 5     |
| Italian 2 .....     | 5     |
| Italian 3 .....     | 5     |
| Italian 4 .....     | 5     |
| English 20 .....    | 3     |
| English 204 .....   | 3     |
| Latin 1 .....       | 5     |
| Linguistics 1 ..... | 3     |

#### JAPANESE

Eighteen or more units of classes chosen from below.  
 Must include Japanese 4 with a satisfactory grade or better.

| COURSES                                     | UNITS |
|---------------------------------------------|-------|
| Japanese 1 .....                            | 5     |
| Japanese 2 .....                            | 5     |
| Japanese 3 .....                            | 5     |
| Japanese 4 .....                            | 5     |
| Humanities 20 .....                         | 3     |
| Asian American Studies 1 .....              | 3     |
| Asian American Studies 6 or Music 133 ..... | 3     |
| Asian American Studies 10 .....             | 3     |
| Linguistics 1 .....                         | 3     |

## SPANISH

Eighteen or more units of classes chosen from below.

Must include Spanish 4, Spanish 9 and 10 with a satisfactory grade or better.

| COURSES          | UNITS |
|------------------|-------|
| Spanish 1 .....  | 5     |
| Spanish 2 .....  | 5     |
| Spanish 3 .....  | 5     |
| Spanish 4 .....  | 5     |
| Spanish 5 .....  | 5     |
| Spanish 6 .....  | 5     |
| Spanish 8 .....  | 2     |
| Spanish 9 .....  | 3     |
| Spanish 10 ..... | 3     |
| Spanish 11 ..... | 2     |
| Spanish 15 ..... | 3     |
| Spanish 9 .....  | 3     |
| Spanish 10 ..... | 3     |
| Spanish 11 ..... | 2     |
| Spanish 15 ..... | 3     |
| Spanish 35 ..... | 5     |
| Spanish 36 ..... | 5     |

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

PLAN A: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Transfer limit: UCLA allows no credit for duplication of a foreign language if the student completed in high school the equivalent levels with a satisfactory grade; A.A. Degree.

### ARABIC 1

#### Elementary Arabic I

##### 5 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

Pronunciation, grammar, practical vocabulary, useful phrases; basic facts on the geography, customs and culture of the Arabic speaking world.

### ARABIC 2

#### Elementary Arabic II

##### 5 UNITS – (UC:CSU)

Prerequisite: Arabic 1 with a satisfactory grade or equivalent.

This course completes the elementary Arabic grammar begins the reading and writing of elementary texts, emphasizing the spoken language.

### ARABIC 3

#### Intermediate Arabic I

##### 5 UNITS - (UC:CSU)

Prerequisite: Arabic 2 with a satisfactory grade or equivalent.

An introduction to Arabic thought by means of short stories, essays, poetry, and folk songs emphasis on conversation, reading and oral comprehension.

### ARMENIAN 1

#### Elementary Armenian I

##### 5 UNITS – (UC:CSU)

Advisory: English 28/31 or equivalent.

This course stresses the fundamentals of pronunciation and elementary grammar, practical vocabulary and useful phrases to understand, ready and write simple Armenian.

### ARMENIAN 2

#### Elementary Armenian II

##### 5 UNITS – (UC:CSU)

Prerequisite: Armenian 1 with a satisfactory grade or equivalent.

This course completes the elementary grammar and includes reading and comprehension of simple texts, with emphasis on oral expression. It also includes an introductory study of Armenian culture to complement comprehension of language.

### CHINESE 1

#### Elementary Chinese I

##### 5 UNITS – (UC:CSU)

Advisory: English 28/31 or equivalent.

Mandarin Chinese corresponds to the first year of high school Chinese. Pronunciation, grammar, practical vocabulary, and basic facts on the geography, customs and culture of China.

### CHINESE 2

#### Elementary Chinese II

##### 5 UNITS – (UC:CSU)

Prerequisite: Chinese 1 with a satisfactory grade or equivalent.

Completes the elementary Mandarin Chinese grammar; introduces reading and writing of elementary texts.

### CHINESE 3

#### Intermediate Chinese I

##### 5 UNITS – (UC:CSU)

Advisory: Chinese 2 or equivalent.

A review of grammar with vocabulary building for conversational fluency, written composition and advanced reading.

### CHINESE 4

#### Intermediate Chinese II

##### 5 UNITS – (UC:CSU)

Advisory: Chinese 3 or equivalent.

Continues a review of grammar, advanced composition and reading of everyday and literary subjects to study idiomatic expressions.

### CHINESE 10

#### Chinese Civilization

##### 3 UNITS – (UC:CSU)

Geography, history, government, and institutions of China; the life and customs of the people; the literature and arts, and the contributions to civilization. Conducted in English.

**CHINESE 21**  
**Fundamentals of Chinese I**  
**3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

Chinese 21 is the first half of Chinese 1. Chinese 22 is the second half of Chinese 1. This course is designed to provide the basic knowledge of Chinese grammar for beginners with no preparation.

UC limit: 5 Units from Chinese 21, 22.

**CHINESE 22**  
**Fundamentals of Chinese II**  
**3 UNITS – (UC:CSU)**

Prerequisite: Chinese 21 with a satisfactory grade or equivalent.

This course continues the basic knowledge of Chinese Grammar at second level of the Chinese language for beginners.

UC limit: 5 units from Chinese 21, 22.

**CHINESE 27**  
**Language Lab**  
**0 UNITS - (RPT2)**

Co-requisite: Chinese 1, 2, 3, 4.

Heritage and non-heritage speakers of Chinese who possess limited skills would develop the opportunity to use the laboratory materials and programs to acquire/improve their Chinese.

**FILIPINO 1**  
**Elementary Filipino I**  
**5 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course is an introduction to speaking, reading and writing the Filipino language. The fundamentals of pronunciation, grammar, practical vocabulary, useful phrases and basic facts on geography, customs, and culture of the people of the Philippines are covered.

**FILIPINO 2**  
**Elementary Filipino II**  
**5 UNITS – (UC:CSU)**

Prerequisite: Filipino 1 with a satisfactory grade or equivalent.

This course completes the elementary grammar. It includes reading and comprehension of simple texts, with emphasis on oral expression. It also includes introductory study of Armenian cultures to complete comprehension of language.

**FRENCH**

One year of high school study in French corresponds to one college semester of credit or one semester of French at LACC equals one full year of high school credit.

**FRENCH 1**  
**Elementary French I**  
**5 UNITS - (UC:CSU)**

This course stresses pronunciation and grammar, vocabulary, useful phrases; and basic facts on the geography, customs and cultures of the French-speaking world.

**FRENCH 2**  
**Elementary French II**  
**5 UNITS - (UC:CSU)**

Prerequisite: French 1 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent.

Completes elementary grammar; including the reading of elementary texts, and emphasizes the spoken French language.

**FRENCH 3**  
**Intermediate French I**  
**5 UNITS - (UC:CSU)**

Prerequisite: French 2 with a satisfactory grade or equivalent.

A review of grammar, with an emphasis on more advanced language use. Readings from classic and modern literature.

**FRENCH 4**  
**Intermediate French II**  
**5 UNITS - (UC:CSU)**

Prerequisite: French 3 with a satisfactory grade or equivalent.

Continues a review of grammar, with an emphasis on more advanced language use. Readings from classic and modern literature.

**FRENCH 5**  
**Advanced French I**  
**5 UNITS - (UC:CSU)**

Prerequisite: French 4 with a satisfactory grade or equivalent.

Brief survey of the early French literary movements. Emphasizes the study of practical idioms and advanced composition. Stresses oral and written report on French literature.

**FRENCH 6**  
**Advanced French II**  
**5 UNITS - (UC:CSU)**

Prerequisite: French 5 with a satisfactory grade or equivalent.

Continuation of French 5 material. Survey of the early French literary movements. Emphasizes advanced composition, and study of practical idioms. Stresses oral and written reports on French literature.

**FRENCH 8**  
**Conversational French**  
**2 UNITS - (RPT 3) (UC:CSU)**

Prerequisite: French 2 with a satisfactory grade or equivalent.

Provides opportunities for practical conversation on everyday topics, current events and cultural material.

UC Limit: maximum units: 2 courses.

**FRENCH 10**  
**French Civilization**  
**3 UNITS - (UC:CSU)**

Prerequisite: English 28/31 with a satisfactory grade or equivalent.

Lectures and discussions in English on the geography, history, government and institutions of France; the life and customs of the people; the literature, arts, and sciences; and the contributions to civilization.

**GERMAN**

One year of high school study in German corresponds to one college semester of credit or one semester of German at LACC equals one full year of high school credit.

**GERMAN 1**  
**Elementary German I**  
**5 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Pronunciation and grammar, practical vocabulary, useful phrases; basic facts on the geography, customs and cultures of the German-speaking world.

UC accepts only one of German 1 or 21 and 22.

**GERMAN 2**  
**Elementary German II**  
**5 UNITS - (UC:CSU)**

Prerequisite: German 1 with a satisfactory grade or equivalent.  
Completes elementary grammar; includes the reading of elementary texts and emphasizes the spoken language.

**GERMAN 3**  
**Intermediate German I**  
**5 UNITS - (UC:CSU)**

Prerequisite: German 2 with a satisfactory grade or equivalent.  
An introduction to German thought by means of short stories, essays, poetry, and folk songs. Emphasis is on conversation, reading, and oral comprehension.

**GERMAN 8**  
**Conversational German**  
**2 UNITS - RPT 3 (UC:CSU)**

Prerequisite: German 2 a satisfactory grade or better or equivalent.  
Practical conversation on everyday topics, current events and cultural material.  
UC Limit: Maximum credit allowed, 2 courses (4 units).

**GERMAN 10**  
**German Civilization**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.  
Lectures and discussions in English on the geography, history, government, and institutions of Germany; the life and customs of the people; the literature, arts, and sciences; and the contributions to civilization.

**ITALIAN**

One year of high school study in Italian corresponds to one college semester or one semester of college Italian equals one full year of high school study.

**ITALIAN 1**  
**Elementary Italian I**  
**5 UNITS - (UC:CSU)**

Corresponds to the first year of high school Italian.  
Advisory: English 28/31 or equivalent.  
Fundamentals of pronunciation and grammar, practical vocabulary, useful phrases; basic facts on the geography, customs and culture of Italy.

**ITALIAN 2**  
**Elementary Italian II**  
**5 UNITS - (UC:CSU)**

Prerequisite: Italian 1 with a satisfactory grade or equivalent.  
Completes elementary Italian grammar, with emphasis on written and spoken language.

**ITALIAN 3**  
**Intermediate Italian I**  
**5 UNITS - (UC:CSU)**

Prerequisite: Italian 2 with a satisfactory grade or equivalent.  
A review of grammar and vocabulary building for conversational fluency through intensive reading.

**ITALIAN 4**  
**Intermediate Italian II**  
**5 UNITS - (UC:CSU)**

Prerequisite: Italian 3 with a satisfactory grade or equivalent.

A review of grammar and vocabulary building for conversational fluency through intensive reading. Additional review of grammar in advanced composition and the use of practical idioms. Begins the study of literary development and includes the reading of modern short stories by contemporary authors.

**ITALIAN 5**  
**Advanced Italian I**  
**5 UNITS - (UC:CSU)**

Prerequisite: Italian 4 with a satisfactory grade or equivalent.  
A review of grammar and vocabulary building for conversational fluency through intensive reading. Additional review of grammar in advanced composition and the use of practical idioms. Begins the study of literary development and includes the reading of modern short stories by contemporary authors.

**ITALIAN 8**  
**Conversational Italian**  
**2 UNITS – (RPT 3) (UC:CSU)**

Prerequisite: Italian 3 with a satisfactory grade or equivalent.  
Opportunities for practical conversation on everyday topics, current events, and cultural material.  
UC maximum credit: 4 units.

**ITALIAN 10**  
**Italian Civilization**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.  
Study of Civilization of Italy from the origins to the present times. Conducted in English.

**ITALIAN 11**  
**Great Books of Italian Literature**  
**2 UNITS – (RPT 1) (UC:CSU)**

Advisory: English 28/31 or equivalent.  
Selections from the masterpieces of Italian literature in translation. Conducted in English.

**ITALIAN 21**  
**Fundamentals of Italian I**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.  
Introduces the fundamentals of Italian pronunciation and grammar structure. Offers practical material for simple conversation based on everyday experiences. Italian 21 and 22 are together equivalent to Italian 1.

**ITALIAN 22**  
**Fundamental of Italian II**  
**3 UNITS – (UC:CSU)**

Prerequisite: Italian 21 with a satisfactory grade or equivalent.  
This course continues to provide students with the basic knowledge of grammar and vocabulary at the second level of fundamentals of Italian.  
UC Limit: Italian 21 and 22 combined equals Italian 1; maximum credit, 5 units; both courses must be taken for credit to be granted.

**JAPANESE**

One year of high school study in Japanese corresponds to one college semester or one semester of college Japanese equals one full year of high school study.  
Required courses: Japanese 1, 2, 34; Humanities 20.

## **JAPANESE 1**

### **Elementary Japanese I 5 UNITS - (UC: CSU)**

Corresponds to the first year of high school Japanese.

Advisory: English 28/31 or equivalent.

Fundamentals of pronunciation and grammar, basic vocabulary, useful phrases; reading and writing with Romanized alphabet and Japanese scripts, basic facts on the geography, customs and culture of Japan.

## **JAPANESE 2**

### **Elementary Japanese II 5 UNITS - (UC: CSU)**

Prerequisite: Japanese 1 with a satisfactory grade or equivalent.

Completes elementary Japanese I.

Continues to teach fundamentals of pronunciation and grammar. 100 additional Chinese characters will be introduced. Continues to introduce Japanese geography, customs and culture of Japan.

## **JAPANESE 3**

### **Intermediate Japanese I 5 UNITS - (UC: CSU)**

Prerequisite: Japanese 2 with a satisfactory grade or equivalent.

Continues the study of grammar and vocabulary building for conversational fluency and written composition. Begins the study of short narrative writings.

## **JAPANESE 4**

### **Intermediate Japanese II 5 UNITS - (UC: CSU)**

Prerequisite: Japanese 3 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent.

Completes the study of fundamental grammar and provides additional training in grammar, written composition, and the use of idioms. Greater emphasis is placed on the knowledge and use of Kanji. Continues the reading of short narrative stories.

## **JAPANESE 8**

### **Conversational Japanese 2 UNITS – (RPT 3) (UC: CSU)**

Prerequisite: Japanese 3 with a satisfactory grade or equivalent.

Opportunities for practical conversation on everyday topics, current events, and cultural material.

UC Maximum credit: 2 courses (4 units).

## **JAPANESE 21**

### **Fundamentals of Japanese I 3 UNITS - (UC: CSU)**

Advisory: English 28/31 or equivalent.

This course is designed to provide the basic knowledge of Japanese for beginners with no preparation. Basic sentence structures and vocabulary are introduced. Basic writing system (Hiragana) will also be introduced.

## **JAPANESE 22**

### **Fundamentals of Japanese II 3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course continues the basic knowledge of Japanese grammar at the second level of the Japanese language for beginners. Second level of writing system and 50 Chinese characters will also be introduced.

UC Limit: Japanese 21 and 22 combined equals Japanese 1; maximum credit 5 units; both must be taken for credit to be granted.

## **KOREAN**

One year of high school study in Korean corresponds to one college semester or one semester of college Korean equals one full year of high school study.

## **KOREAN 1**

### **Elementary Korean I 5 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

Fundamentals of pronunciation and grammar, basic vocabulary, useful phrases; develops the ability to understand, read, write and speak simple Korean. The course includes basic facts on the geography, customs and cultures of Korea.

## **KOREAN 2**

### **Elementary Korean II 5 UNITS – (UC:CSU)**

Advisory: Korean 1 or equivalent.

Completes the elementary Korean grammar; includes the reading of elementary texts, emphasizes written composition and the spoken language.

## **KOREAN 3**

### **Intermediate Korean I 5 UNITS – (UC:CSU)**

Advisory: Korean 2 or equivalent.

Corresponds to the second year of college level Korean. Fundamentals of pronunciation and grammar, basic vocabulary; useful phrases; develops the ability to understand, read, write and speak simple Korean. This course includes basic facts on the geography, customs and cultures of Korea.

## **KOREAN 4**

### **Intermediate Korean II 3 UNITS – (UC:CSU)**

Prerequisite: Korean 3 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent.

Corresponds to the second year of college level Korean. Continues the fundamentals of pronunciation and grammar, basic vocabulary; useful phrases; develops the ability to understand, read, write and speak simple Korean. This course includes basic facts on the geography, customs and cultures of Korea.

## **KOREAN 8**

### **Conversational Korean 2 UNITS – (UC:CSU)**

Prerequisite: Korean 2 with a satisfactory grade or equivalent.

Co-requisite: Korean 99.

Opportunities for practical conversation on everyday topics, current events, and cultural material.

## **KOREAN 30**

### **Language Lab 0 UNITS - (RPT2)**

Co-requisite: Korean I and Korean II

Heritage and non-heritage speakers of Korean who possess limited skills would develop the opportunity to use the laboratory materials and programs to acquire/improve their Korean.

## **HUMANITIES 45**

### **Korean Civilization 3 UNITS - (UC: CSU)**

Advisory: English 28/31 or equivalent.

This course offers the students lectures and discussions in English on geography, history, government and institutions of Korea; the life and customs of the people; the literature, arts, and sciences; the contributions to civilization.

## **LATIN**

One year of high school study in Latin Corresponds to one college semester or one semester of college Latin equals one full year of high school study. UC: Latin 1 and 2 combined: maximum credit, one course.

### **LATIN 1**

#### **Elementary Latin I 5 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Fundamentals of grammar, basic vocabulary, useful phrases; develops the ability to read and write simple texts. The course includes basic facts on the geography, customs and culture of classical Rome.

### **LATIN 2**

#### **Elementary Latin II 5 UNITS - (UC:CSU)**

Prerequisite: Latin 1 with a satisfactory grade or equivalent.

Completes elementary Latin grammar, includes the reading of elementary texts, emphasizes reading and translation.

### **PORTUGUESE 1**

#### **Elementary Portuguese I 5 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

Fundamentals of pronunciation and grammar, practical vocabulary, useful phrases; basic facts on the geography, customs and culture of Portugal and Brazil.

### **PORTUGUESE 2**

#### **Elementary Portuguese II 5 UNITS – (UC: CSU)**

Prerequisite: Portuguese 1 with a satisfactory grade or equivalent.

This course completes the elementary grammar. It provides additional training in oral and written composition with an emphasis on more advanced language use. Includes readings based on the geography, customs and the culture of the Portuguese-speaking world.

### **RUSSIAN 1**

#### **Elementary Russian I 5 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

The fundamentals of pronunciation and grammar, practical vocabulary, useful phrases; basic facts on the geography, customs and cultures of Russia.

### **RUSSIAN 2**

#### **Elementary Russian II 5 UNITS – (UC:CSU)**

Prerequisite: Russian 1 with a satisfactory grade or equivalent.

Completes elementary Russian I. Emphasis on reading and spoken language.

### **RUSSIAN 3**

#### **Intermediate Russian I 5 UNITS – (UC:CSU)**

Prerequisite: Russian 2 with a satisfactory grade or equivalent.

A review of grammar, additional training in oral and written composition, and reading of more advanced literature.

### **RUSSIAN 4**

#### **Intermediate Russian II 5 UNITS – (UC:CSU)**

Prerequisite: Russian 3 with a satisfactory grade or equivalent.

This course continues the review of grammar and vocabulary build-up. It continues to introduce students to Russian life through the reading of selected Russian authors.

### **RUSSIAN 8**

#### **Conversational Russian 2 UNITS – (UC:CSU) (RPT 3)**

Prerequisites: Russian 3 with a satisfactory grade or equivalent.

Practical conversation in Russian on everyday topics, and current events, dialogues and group discussion of news in politics, sports, and culture.

### **RUSSIAN 10**

#### **Russian Civilization 3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

A survey of Russian civilization from the early stages to the present, highlighting important historical and cultural developments, social institutions, religion, literature, art, music and Russia's contribution to the world.

### **RUSSIAN 12**

#### **Russian Civilization II 3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

A survey of Russian history and culture of 20th century Russia; its literature, arts and science; and life of the people.

### **RUSSIAN 21**

#### **Fundamentals of Russian I 3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

Russian 21 and 22 together are equivalent to Russian 1 at Los Angeles City College.

Russian 21 is the first half of Russian 1. Russian 22 is the second half of Russian 1. Russian 21 focuses on pronunciation, basic grammar, practical vocabulary and phrases. Discussions of Russia's geography, customs, and culture are included.

### **RUSSIAN 22**

#### **Fundamentals of Russian II 3 UNITS – (UC: CSU)**

Advisory: English 28/31 or equivalent.

Russian 21 and Russian 22 together are equivalent to Russian I. Russian 22 continues to focus on pronunciation, basic grammar, practical vocabulary and phrases, begun in Russian 21. Students will also continue to discuss Russia's history and culture.

### **SPANISH**

One year of high school study in Spanish corresponds to one college semester or one college semester equals one full year of high school study. Required courses: Spanish 1\*, 2\*, 3, 4 and 8\*. These courses are required only for students who plan to teach Spanish.

**SPANISH 1**  
**Elementary Spanish I**  
**5 UNITS - (UC: CSU)**

Advisory: English 28/31 or equivalent.  
Pronunciation and grammar, practical vocabulary, useful phrases; basic facts on the geography, customs and culture of the Spanish-speaking world.  
UC accepts one of Spanish 1 or equivalent.

**SPANISH 2**  
**Elementary Spanish II**  
**5 UNITS - (UC:CSU)**

Prerequisite: Spanish 1 with a satisfactory grade or equivalent.  
Completes elementary Spanish I with emphasis on reading of elementary texts and emphasizes the spoken language.

**SPANISH 3**  
**Intermediate Spanish I**  
**5 UNITS - (UC:CSU)**

Prerequisite: Spanish 2 with a satisfactory grade or equivalent.  
A review of grammar and idiomatic construction. Intensive and extensive reading and discussion of Spanish and Latin American authors.

**SPANISH 4**  
**Intermediate Spanish II**  
**5 UNITS - (UC:CSU)**

Prerequisite: Spanish 3 with a satisfactory grade or equivalent.  
Review of grammar, composition and vocabulary building. Introduction to Spanish and Latin American authors.

**SPANISH 5**  
**Advanced Spanish I**  
**5 UNITS - (UC: CSU)**

Prerequisite: Spanish 4 with a satisfactory grade or equivalent.  
Advisory: English 28/31 or equivalent.  
This course continues the study of advanced grammar and composition through review and expansion upon targeted grammatical concepts and written essays. Thematically, essays are based on readings on the geography, history, literature, fine arts and culture of Spain. Oral presentations on topics covered augment ease in expression in the target language.

**SPANISH 6**  
**Advanced Spanish II**  
**5 UNITS - (UC:CSU)**

Prerequisite: Spanish 5 with a satisfactory grade or equivalent.  
Continues the study of literary genres and of advanced grammar and composition through oral and written reports in Spanish. A focus on the geographies, histories and cultures of Spanish America is an integral part of the course. Concentration on vocabulary building for reading comprehension in preparation for literature courses at the upper division level.

**SPANISH 8**  
**Conversational Spanish**  
**2 UNITS - (RPT 3) (UC:CSU)**

Prerequisite: Spanish 2 with a satisfactory grade or equivalent.  
Practical conversation on everyday topics, current events and cultural material.  
UC limit: maximum credit allowed, 2 courses (4 units).

**SPANISH 9**  
**Hispanic Civilization**  
**3 UNITS - (UC:CSU)**

Geography, history, government and institutions of Spain; the life and customs of the people; the literature, music and art; and the contributions to civilization.  
Conducted in English.

**SPANISH 10**  
**Latin American Civilization**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.  
Geography, history, customs, economic and political development, literature and arts of Spanish speaking and Portuguese speaking peoples of America.  
Conducted in English.

**SPANISH 11**  
**Great Books of Spanish Literature**  
**3 UNITS - (RPT 1) (UC:CSU)**

Advisory: English 28/31 or equivalent.  
Lecture 3 hours.  
Selections from masterpieces of Spanish Literature. Conducted in Spanish.

**SPANISH 14**  
**Spanish for Public Service Personnel**  
**3 UNITS - (CSU)**

This course is designed for public service employees such as police officers and fire fighters. It emphasizes practical usage of Spanish for personnel who serve the Spanish speaking community.

**SPANISH 15**  
**Great Books of Latin American Literature**  
**3 UNITS - (UC: CSU)**

Advisory: English 28/31 or equivalent.  
Lecture 3 hours.  
Selections from the great masterpieces of Latin American Literature. Conducted in Spanish.

**SPANISH 21**  
**Fundamentals of Spanish I**  
**3 UNITS - (UC: CSU)**

Advisory: English 28/31 or equivalent.  
Introduces the fundamentals of Spanish pronunciation and grammar structure. Offers practical material for simple conversation based on every day experiences. Spanish 21 and Spanish 22 together are equivalent to Spanish 1.

**SPANISH 22**  
**Fundamentals of Spanish II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Spanish 21 with a satisfactory grade or equivalent.  
Continues the presentation of the fundamentals of Spanish pronunciation and grammar structure. Offers practical material for simple conversation based on every day experiences. Spanish 21 and Spanish 22 together are equivalent to Spanish 1.  
Spanish 21 and 22 acceptable for Spanish 100A.

**SPANISH 35****Spanish for Spanish Speakers I  
5 UNITS – (UC:CSU)**

(Equivalent to Spanish I)

This course is designed to address the needs of the bilingual students. An introduction to written Spanish with an emphasis on the acquisition of a solid grammatical base, vocabulary enrichment and spelling. Includes reading on culture and customs of Spain and Latin America. Conducted in Spanish.

**SPANISH 36****Spanish for Spanish Speakers II  
5 UNITS – (UC:CSU)**

(Equivalent to Spanish 2)

A continuation of Spanish 35. Completes the study of grammar and continues the development of reading and writing skills. Further study of Spanish and Latin American culture and civilization. Conducted in Spanish.

**SPANISH 70****Language Lab  
0 UNITS - (RPT2)**

Co-requisite: Spanish I and Spanish II

Heritage and non-heritage speakers of Spanish who possess limited skills would develop the opportunity to use laboratory materials and programs to acquire/improve their Spanish.

**SPANISH 123****Fundamentals of Elementary Spanish I  
3 UNITS - (UC:CSU)**

Prerequisite: Spanish 21 and 22 or Spanish 1 with satisfactory grades or equivalent.

This course provides the students with a continuation of the study of grammar and vocabulary at an elementary level as well as the art of composition writing and cultural analysis.

**SPANISH 124****Fundamentals of Elementary Spanish II  
3 UNITS - (UC:CSU)**

Prerequisite: Spanish 123 with a satisfactory grade or equivalent.

This course provides the student with a continuation of study in grammar and vocabulary at an elementary level as well as the art of composition writing and cultural analysis.

Spanish 123 and 124 are equal to Spanish 2.

UC limit: Maximum units 5.



Chair: Hayward Nishioka  
(323) 953-4000 ext. 2860 • MG104

**PROGRAMS OFFERED  
Courses Only - No Degree/Certificate****COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

UC Limit: Health 2, 8, and 11 combined: maximum credit, one course.

**HEALTH 2****Health and Fitness****3 UNITS – (UC:CSU)**

Course explores physical fitness as related to cardiovascular capacity, nutrition, stress, and addictive substances. The course involves laboratory assessment of each student's fitness status, lecture, and selected fitness activities. Based on these experiences students develop individualized fitness programs.

**HEALTH 8****Women's Personal Health****3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

The course examines the personal and social dimensions of women's health and the development of strategies for empowerment in decision making that impact changes and improvement in health welfare.

**HEALTH 11****Principles of Healthful Living****3 UNITS – (UC:CSU)**

The course offers health related concepts for today and the future as guidelines for a self-directed, responsible, satisfying, and productive life-style. Emphasis is on cognitive concepts and strategies of wellness for the individuals personal community, vocational, and leadership roles.



**Chair: Eiko Kitajima Chatel**  
**(323) 953-4000 ext. 2737 • DH312B**

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**PROGRAMS OFFERED**  
**Associate of Arts:**  
**Humanities**

**DEGREE PROGRAM**

**HUMANITIES**

**Associate of Arts Degree**  
**Transfer Program**

The following curriculum may be used as undergraduate preparation for a major or minor in Humanities. A minimum of 18 units of Arts and Humanities is required for the Humanities major Associate Degree. Requirements for the major are to be chosen from the Plan A Graduation requirements under the Humanities section.

| <b>COURSES</b>                                                                                                                     | <b>UNITS</b>                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>HUMANITIES - ARTS:</b>                                                                                                          | <b>3 units from any of the following</b>                                                         |
| African American Studies .....                                                                                                     | 60                                                                                               |
| Architecture .....                                                                                                                 | 2, 3                                                                                             |
| Art, all courses .....                                                                                                             | except 519-607, 704, 705                                                                         |
| Asian American Studies .....                                                                                                       | 6                                                                                                |
| Chicano Studies .....                                                                                                              | 52                                                                                               |
| Cinema .....                                                                                                                       | 3                                                                                                |
| Music, all courses .....                                                                                                           | except 152, 241, 244, 247, 300, 301,<br>302, 303, 311, 400, 601, 602, 611,<br>612, 622, 631, 650 |
| Photography .....                                                                                                                  | 10, 17                                                                                           |
| Theater .....                                                                                                                      | 100, 110, 400                                                                                    |
| <b>HUMANITIES - LITERATURE:</b>                                                                                                    | <b>3 units from any of the following</b>                                                         |
| African American Studies .....                                                                                                     | 20, 21                                                                                           |
| English .....                                                                                                                      | 203, 204, 205, 206, 208, 211, 212, 214,<br>215, 216, 218, 219, 221, 239, 240                     |
| Any Foreign Language .....                                                                                                         | course 11, Spanish 15                                                                            |
| <b>HUMANITIES</b>                                                                                                                  | <b>3-5 units from any of the following</b>                                                       |
| <b>FOREIGN LANGUAGE:</b>                                                                                                           |                                                                                                  |
| All courses in Arabic, Armenian, Chinese, Filipino, French, German, Italian, Japanese, Korean, Latin, Portuguese, Russian, Spanish |                                                                                                  |
| <b>HUMANITIES - HUMANITIES:</b>                                                                                                    | <b>3 units from any of the following</b>                                                         |
| Chicano Studies .....                                                                                                              | 44                                                                                               |
| Any Foreign Language .....                                                                                                         | course 9                                                                                         |

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Humanities .....      | 6, 8, 20, 21, 30, 31, 61, 63, 70, 73, 76                                  |
| Chicano Studies ..... | 1                                                                         |
| Chicano Studies ..... | 130                                                                       |
| English .....         | 1, 1H, 2, 3, 4, 12, 14, 19, 20, 21, 22, 24,<br>25, 27, 30, 32, 35, 40, 41 |

Elective Units: Choose from any course listed under any section to bring total to a minimum of 18 units

**Total Units** ..... **18-20**

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Also see Art, Music

**HUMANITIES 6**

**Great People, Great Ages**  
**3 UNITS - (RPT 1) (UC:CSU)**

Advisory: English 28/31 or equivalent.

Study of the lives and contributions of selected individuals from ancient times to the present. The course develops an understanding and an appreciation of ideas and forces, which have shaped your civilization.

UC maximum: 1 course.

**HUMANITIES 8**

**Great Women, Great Eras**  
**3 UNITS - (RPT 1) (UC:CSU)**

Advisory: English 28/31 or equivalent.

Selected studies in the lives and times great women from ancient times to the present. Understanding of women's place in history, their overall contributions to our cultural heritage while engendering an appreciation and respect for all of humanity.

UC maximum: 1 course.

**HUMANITIES 20**

**Japanese Civilization**  
**3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

A survey of Japanese civilization from ancient times to the present; the historical and cultural backgrounds; significant aspects of Japanese culture; religion, philosophy, socio political institutions and art forms.

### **HUMANITIES 30**

#### **The Beginnings of Civilization**

##### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

A survey of man's cultural development from prehistoric times to the Renaissance. General information on the arts, literature, and ideas of early civilizations, Egypt, Sumeria, Greece, and Rome concluding with the Middle Ages, Renaissance, and Reformation.

### **HUMANITIES 31**

#### **People in Contemporary Society**

##### **3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Men and Women in contemporary society.

A continuing study of world cultural and social development from the Renaissance to the present day.

### **HUMANITIES 45**

#### **Korean Civilization**

##### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course offers the students lectures and discussions in English on geography, history, government and institutions of Korea; the life and customs of the people; the literature, arts, and sciences; the contribution to civilization.

### **HUMANITIES 61**

#### **People and Their World: The Creative Processes**

##### **3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

A study of the individual and society, with emphasis on creative processes as expressed in myths and dreams, and an exploration of works of art and literature to discover the range of creative instinct.

### **HUMANITIES 63**

#### **Armenian Civilization**

##### **3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

A survey of Armenian civilization in its development from ancient times to the present. Lectures and discussions on geography, history, and social structures of Armenia; religion, literature, and sciences; art, music and customs, and the contribution to the world.

### **HUMANITIES 70**

#### **Search: A Quest for Personal Meaning**

##### **3 UNITS - (CSU)**

An introduction to the Humanities, through selected great works of art through the ages in all areas of the Humanities as they relate to the individual quest for identity and search for freedom.

### **HUMANITIES 76**

#### **Word Power: Vocabulary Building**

##### **2 UNITS - (UC:CSU)**

This course is students develop English vocabulary through the study of Latin roots of the English language.

### **HUMANITIES 78**

#### **Greek Etymology: Greek Roots-Emphasizing Scientific/Medical Vocabulary**

##### **3 UNITS - (UC:CSU)**

Advisory: Eligibility for English 101 or equivalent.

Greek prefixes, roots and suffixes, Greek culture, history, religion, science, medicine and arts will be examined.



## **JOURNALISM**

**Chair: Daniel Marlos**  
**(323) 953-4000 ext. 2835 • FH28**

### **PROGRAMS OFFERED**

**Associate of Arts:  
Journalism**

**Other Courses:  
Public Relations**

### **DEGREE PROGRAMS**

#### **JOURNALISM**

##### **Associate of Arts Degree**

##### ***Transfer/Career Program***

The journalism curriculum is an open-ended program that is arranged so the graduate is prepared to work in either the field, or, with additional course work, to transfer to a four-year college or university. Journalism majors are offered courses designed to train them in desktop publishing skills and for editorial, and photojournalism jobs on daily and weekly newspapers, magazines, trade journals, house organs, and consumer publications. They also are prepared for work as freelance writers and as writers for television and radio news programs. The employment records of hundreds of graduates show the California Publishers Association approval of courses offered here.

The curriculum is outlined below. Although the order and semester in which courses are taken may have to be modified to meet individual needs, all first semester journalism majors should enroll for every course listed below under First Semester. Courses listed are needed for the Associate of Arts degree with a major in journalism. The candidate for graduation in this curriculum must have at least a "C" grade point average in the journalism courses taken.

Journalism majors also are required to work three semesters on the campus newspaper, the Collegian.

Scholarships, from the Greater Los Angeles Press Club, are available for journalism majors.

## JOURNALISM

### Associate of Arts Degree

#### Transfer Program

| COURSES                  | UNITS     |
|--------------------------|-----------|
| <b>First Semester</b>    |           |
| Journalism 101** .....   | 3         |
| Journalism 105 .....     | 3         |
| Photography 10 .....     | 3         |
| <b>Second Semester</b>   |           |
| Journalism 202 .....     | 3         |
| Journalism 217 .....     | 2         |
| Journalism 218 .....     | 3         |
| Journalism 219 .....     | 1         |
| Photography 20 .....     | 4         |
| <b>Total Units</b> ..... | <b>22</b> |

\*\* Required of first semester majors unless waived by Department Chair.

Suggested Electives to meet additional 6 units in general education requirements: English 102; Journalism 217; Journalism 218 (repeated); Photography 7, 15, 34 or 46, Art 101, Political Science 2, Political Science 7, Humanities 76, Law 3, History 12 or History 13.

Additional Electives: Cinema 3 or Cinema 4, Journalism 202, Journalism 185, Journalism 285.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## JOURNALISM

### Associate of Arts Degree

#### Career Program

| COURSES                | UNITS |
|------------------------|-------|
| <b>First Semester</b>  |       |
| Journalism 101** ..... | 3     |
| Journalism 105 .....   | 3     |
| Photography 10 .....   | 3     |
| <b>Second Semester</b> |       |
| Journalism 202 .....   | 3     |
| Journalism 217 .....   | 2     |
| Journalism 218 .....   | 3     |

|                           |   |
|---------------------------|---|
| Journalism 219 .....      | 1 |
| Photography 20 .....      | 4 |
| Library Science 101 ..... | 1 |
| Art 633 .....             | 3 |

#### Third Semester

|                          |   |
|--------------------------|---|
| Journalism 217 .....     | 2 |
| Journalism 218 .....     | 3 |
| Journalism 219 .....     | 1 |
| Public Relations 1 ..... | 3 |
| Electives .....          | 6 |

#### Fourth Semester

|                      |   |
|----------------------|---|
| Journalism 217 ..... | 2 |
| Journalism 218 ..... | 3 |
| Journalism 219 ..... | 1 |
| Photography 7 .....  | 3 |
| Electives .....      | 6 |

**Total Units** ..... **56**

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### JOURNALISM 101

#### Collecting and Writing News 3 UNITS - (CSU)

Advisory: English 28/31 or equivalent.

This introductory course stresses instruction and practice in news gathering and news writing. Extensive practical writing experience is geared to news publications and the news media. It also includes a study of newspaper, radio and television news. Adherence to professional writing style, and legal and ethical aspects of the profession are included.

### JOURNALISM 105

#### Mass Communications 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

A survey of America's mass communications systems and how they affect human behavior in relation to social, political and economic institutions. Newspapers, magazines, television, advertising, public relations, books, records and films will be included. Students will gain an understanding of the ways media have been used and are used to influence, manipulate and reflect society and special interest groups within the society and thus will become more critical media observers.

**JOURNALISM 202**  
**Advanced News Writing**  
**3 UNITS - (CSU)**

Prerequisite: Journalism 101 with a satisfactory or equivalent.  
 Advisory: English 28/31 or equivalent.  
 This course provides the student with principles and practice in writing specialized types of newspaper stories and increases mastery of fundamental reporting techniques. Interpretative writing, editorial writing and feature writing skills are included.

**JOURNALISM 217**  
**Publication Laboratory**  
**2 UNITS - (RPT 3) (CSU)**

Co-requisite: Concurrent enrollment in Journalism 218.  
 Advisory: English 28/31 or equivalent.  
 Laboratory: 6 hours to be arranged.  
 Laboratory experience for writers, editors and photographers. Stresses hands on application of writing and photographic skills through production of the college newspaper, the Los Angeles Collegian. Desktop editing and publishing techniques (on Apple computers) will be covered.

**JOURNALISM 218**  
**Practical Editing**  
**3 UNITS - (RPT 3) (CSU)**

Prerequisite: Journalism 101 with a satisfactory grade or equivalent.  
 Co-requisite: Journalism 217.  
 Advisory: English 28/31 or equivalent.  
 Lecture: 3 hours.  
 This course provides practical instruction and practice in writing and editing the campus newspaper. Editions are evaluated during regularly scheduled class meetings. Writers and editors will be introduced to desktop publishing techniques by working on Apple computers.

**JOURNALISM 219**  
**Techniques for Staff Editors**  
**1 UNIT - (RPT 2) (CSU)**

Co-requisite: Concurrent enrollment in Journalism 218. (Los Angeles Collegian editorial board).  
 Advisory: English 28/31 or equivalent.  
 A course in editorial writing.  
 This course offers instruction for campus newspaper editors in editorial writing, column writing (viewpoints) and analysis of editorial problems. Emphasis is placed on formulating editorial policy.

**JOURNALISM 185 Directed Study — 1 UNIT (CSU)**  
**JOURNALISM 285 Directed Study — 2 UNITS (CSU)**

Advisory: English 28/31 or equivalent.  
 Conference: 1 hour per unit. Students are urged to get the instructor's permission prior to enrolling in any of the directed study classes.  
 Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.  
 Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.

**PUBLIC RELATIONS 1**  
**Principles of Public Relations**  
**3 UNITS – (CSU)**

Advisory: English 28/31 or equivalent.  
 This course offers the student an understanding of the broad aspects of relationships with the public, as they apply to business, education, public agencies, and other organizations. It includes methods of either promoting favorable relations with various segments of the public or coping with situations involving poor public relations



**Chair: Tim Sweetman**  
**Paralegal Coordinator:**  
**Dr. Kenneth Lanzer**

**(323) 953-4000 ext. 2753 • HH12**

[www.lacitycollege.edu/academic/departments/law/index.html](http://www.lacitycollege.edu/academic/departments/law/index.html)

**PROGRAMS OFFERED**

**Associate of Arts:**  
**Business Law**  
**Legal Assistant/Paralegal**

**DEGREE PROGRAMS**

**BUSINESS LAW**  
**Associate of Arts Degree**  
**Career Program**

The Business Law curriculum is offered by the Law Department to those who desire a background of training in the field of business law accompanied by courses in business and cultural subjects. Students going into public service, business, or other types of work where a general knowledge of law is valuable, may take this curriculum. Students preparing for admission to a law school should consult with the chair of the Law Department regarding a suitable curriculum. It is suggested that students take individual law courses as a valuable aid in preventing legal problems and litigation.

| <b>COURSES</b>                     | <b>UNITS</b> |
|------------------------------------|--------------|
| <b>First Semester</b>              |              |
| Administration of Justice 1 .....  | 3            |
| Business 38 or Accounting 31 ..... | 3            |
| Law 1 .....                        | 3            |
| Law 5 .....                        | 3            |
| Law 10 .....                       | 3            |
| <b>Second Semester</b>             |              |
| Administration of Justice 2 .....  | 3            |

|                          |           |
|--------------------------|-----------|
| Law 2 .....              | 3         |
| Law 3 .....              | 3         |
| <b>Third Semester</b>    |           |
| Law 12 .....             | 3         |
| Law 13 .....             | 3         |
| Law 18, 37 or 43 .....   | 3         |
| <b>Fourth Semester</b>   |           |
| English 101 .....        | 3         |
| Law 4 or Law 385 .....   | 3         |
| <b>Total Units .....</b> | <b>39</b> |

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

### **LEGAL ASSISTANT/PARALEGAL Associate of Arts Degree Career Program**

The Legal Assistant/Paralegal program is offered by the Law Department to students who are interested in a career as an employee in a law office or courthouse to assist in the performance of legal services in civil and criminal matters. It is also valuable to persons seeking employment in fields such as real estate, insurance, banking, or brokerage. The great need for legal services in our society, plus the shortage of lawyers to fill this need, has created a demand in the legal profession for qualified assistants, such as we find in the medical and dental fields.

The A.A. Degree consists of 18 units in General Education and 42 units in the Legal Assistant/Paralegal program major, for a total of 60 - 64 units. Students considering transferring law / paralegal credits from another college should meet with the chair of the law department.

All prerequisite courses must be taken in sequential order. In addition to Major requirements, the student must complete English 101, and satisfy ALL the requirements of Plan "B" for completion of an Associate of Arts Degree. All courses must be completed with a satisfactory grade of "C" or better. Plan "B" is not designed for transfer to a four-year college.

According to the latest statistics from the Bureau of Labor Statistics, the job outlook for the field of Paralegals and legal assistants are projected to grow faster than the average for all occupations through 2012. Some employment growth stems from law firms and other employers with legal staffs increasingly hiring paralegals to lower the cost and increase the availability and efficiency of legal services. The majority of job openings for paralegals in the future will be new jobs created by employment growth, but additional job openings will arise as people leave the occupation. Despite projections of fast employment growth, competition for jobs should continue as many people seek to go into this profession; however, highly skilled, formally trained paralegals have excellent employment potential.

All students in the Law/Paralegal program are welcome to join the on-campus Law Club. Los Angeles City College is a member of the American Association for Paralegal Education (AAFPE). All paralegal students are encouraged to be active in the local chapter of the AAFPE.

Students are encouraged to meet with the Paralegal Program Coordinator, or Department Chair, to further discuss and answer any questions regarding the requirements for completion of the major courses necessary for the Associate Degree in Paralegal Studies. For assistance in completing the Plan "B" (General Education) requirements, please discuss this with a Counselor in the Counseling Office, see the college catalog; go online at [www.lacity.edu/](http://www.lacity.edu/) and click on the Class Schedule and Catalog link. This will give you more information regarding class requirements, class descriptions, and necessary units.

| <b>COURSES</b>                   | <b>UNITS</b> |
|----------------------------------|--------------|
| <b>First Semester</b>            |              |
| CAOT 84 .....                    | 3            |
| English 101 .....                | 3            |
| Law/Paralegal 10 .....           | 3            |
| Library Science 101 .....        | 1            |
| <b>Second Semester</b>           |              |
| Law 1 .....                      | 3            |
| Law/Paralegal 51 .....           | 3            |
| Law/Paralegal 11 .....           | 3            |
| Law/Paralegal 12 .....           | 3            |
| <b>Third Semester</b>            |              |
| Law 2 .....                      | 3            |
| Law/Paralegal 17 .....           | 3            |
| CAOT 93 .....                    | 2            |
| Electives (see list below) ..... | 3            |
| <b>Fourth Semester</b>           |              |
| Law/Paralegal 4 .....            | 3            |
| Electives (see list below) ..... | 6            |
| <b>Total Units .....</b>         | <b>42</b>    |

Elective Courses: 3 of the following elective courses must be completed.  
Law/Paralegal 3, 5, 13, 14, 16, 18, 19, 33, 35, 37, 38, 43

CAOT 23 is recommended not required.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 3 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Also see Administration of Justice & Corrections, CAOT, Business, English.

### LAW 1

#### **Business Law I**

#### **3 UNITS - (UC:CSU)**

This course will cover the following legal topics: legal aspects of business; court procedures in business; torts and criminal laws as related to various business practices; elements of a valid contract; breach of contracts and its remedies; negotiable instruments under Uniform Commercial Code (UCC) and agency and employment contracts.

### LAW 2

#### **Business Law II**

#### **3 UNITS - (UC:CSU)**

This course covers formation, operation, and dissolution of various types of business organizations. Subjects covered include: sole proprietorships, corporations, partnerships, corporations, partnerships, the law of agency and employment agreements.

### LAW 3

#### **Civil Rights and the Law**

#### **3 UNITS - (UC:CSU)**

Comparative and analytical study of the law and related problems concerning Civil Rights. Due process of law, freedom of expression, freedom of religion, racial equality, and democratic processes are studied with emphasis on recent court decision and international trends.

### LAW/PARALEGAL 4

#### **Directed Field Work in Legal Assisting**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with a satisfactory grade or equivalent.

Under instructor's direction and guidelines, paralegal students will be assigned to law related institutions, such as Courts, District and City Attorney's offices, private law firms, or law libraries to demonstrate their vocational abilities and employability.

### LAW/PARALEGAL 5

#### **International Law of Commerce**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

This course covers the law on international trade. It allows the student to understand government foreign trade policies, the law concerning international business transactions, importing and exporting, and legal assurances for the delivery of and payment for goods.

### LAW/PARALEGAL 10

#### **Introduction to Legal Assistant I**

#### **3 UNITS - (CSU)**

Advisory: English 101 or equivalent.

Orientation in a career in the Legal Assistant / Paralegal field. An introductory course into the role of the legal assistant. Includes an introduction to legal terminology and bibliography, including research problems and study of pleadings and documentation.

### LAW/PARALEGAL 11

#### **Introduction to Legal Assistant II**

#### **3 UNITS - (CSU)**

Prerequisite: Completion of Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

A continuation of Law 10 with a study of the methods used in trial preparation; a detailed examination of civil cases; an introduction to legal drafting and writing.

### LAW/PARALEGAL 12

#### **Tort Law and Claims Investigation**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

A study of the fundamental principles of the law of torts, including insurance and practical application of tort theory related to the subject matter; an examination of the techniques of investigation involved in the lawyer's handling of tort and insurance claims.

### LAW/PARALEGAL 13

#### **Wills, Trusts, and Probate Administration**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

A study of the fundamental principles of the law of wills and trusts, including simple will and trust forms; an examination of the organization and jurisdiction of a California Probate Court, and the administration of estates in California Probate Courts.

### LAW/PARALEGAL 14

#### **Law Office Management**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

A study of the management of a law office; a study of various machines used in a law office; an examination of indexing and filing principles; a study of basic accounting principles; and a study of law office correspondence.

### LAW/PARALEGAL 16

#### **Civil and Criminal Evidence**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

A study of the rules of evidence and the admissibility of such evidence in court.

### LAW/PARALEGAL 17

#### **Legal Writing**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

Advanced legal drafting and writing, including special research projects.

### LAW/PARALEGAL 18

#### **Marriage and Family Law**

#### **3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

This course presents fundamental common law and statutory concepts of family law with emphasis on California's Community Property Laws.

**LAW/PARALEGAL 19****Real Property****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

This course is an introduction to Real Property Law Practice. Topics include property rights, types of land ownership, agreement for sale, financing, conveyance, settlement procedures, recording and post-closing matters in residential and commercial real estate, and real estate leasing agreements. Additionally, ethical issues will be discussed.

**LAW/PARALEGAL 33****Law and the Media****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

Advisory: English 28 or equivalent.

A study of entertainment law and related issues such as contract, libel, slander, obscenity, unions, and requirements in the radio, TV, and film industry.

**LAW/PARALEGAL 35****Immigration Law for Paralegals****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

This course is a study of concepts of immigration law including grounds of exclusion, defenses to deportation, petitions and visa applications. Research and writing will be emphasized in the areas of amnesty, naturalization, citizenship, international law and criminal aspects of immigration.

**LAW/PARALEGAL 37****Bankruptcy Law****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

The main focus of this course will be on bankruptcy law and procedure. It will cover commencement of a case, preparing of schedules, operating and liquidating procedures, adversary matters and litigation in bankruptcy court, debtors' and creditors' rights and obligations, technical terminology, and practical hints for paralegals. Forms utilized in bankruptcy court will be stressed as well as proceedings under Chapter 7, Chapter 13, and to a lesser extent, Chapter 11. Also proceedings under Chapters 9 and 12 will be reviewed. Additionally, the rights of creditors will be explored. This includes secured transactions, consensual and non-consensual liens, UCC transactions, and the unique position of real estate.

**LAW/PARALEGAL 38****Criminal Law****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

This course will provide students with an overview of the substantive and procedural rights of the accused. The student will study the nature, purpose, and principles of criminal law by following the process of the criminal justice system from arrest through appeal. Further, by developing knowledge of the elements of specific crimes, students will be able to assist an attorney in preparing various legal documents in a criminal case. Special topics of interest such as plea-bargaining, youthful offender adjudication, extradition and wiretapping will be studied in detail.

**LAW/PARALEGAL 43****Elder Law****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

Students will be introduced to topics in the law affecting older persons. Such topics as financial and estate planning, health care, personal planning and protection, and consumer protection will be covered in this course.

**LAW/PARALEGAL 51****Legal Research for Paralegals****3 UNITS - (A)**

Prerequisite: Law/Paralegal 10 and English 101 with satisfactory grades or equivalent.

Students will learn to use traditional and electronically-accessed legal research. Students will perform traditional law library legal research and computer-assisted research. Students are taught to locate and use both primary, secondary and CALR legal research sources to solve legal problems, including federal and state cases, digests, statutes, regulations, treatises, encyclopedias, law reviews, citators and practice works.



## LEARNING SKILLS

**Chair: Maryanne Des Vignes**  
**(323) 953-4000 ext. 2770 • LIB103C**

[www.lacitycollege.edu/resource/learningskills/index.html](http://www.lacitycollege.edu/resource/learningskills/index.html)

## PROGRAMS OFFERED

### Courses Only - No Degree/Certificate

**COURSES OFFERED**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Registration takes place in the Learning Skills Center during the first fourteen weeks of the semester. Students will be placed at the appropriate language arts and/or mathematics level based on a diagnostic assessment in the following course offerings.

All Learning Skills courses are offered on a Credit/No Credit basis.

**LEARNING SKILLS 1****Reading****3 UNITS - (RPT 3) NDC**

Individualized reading instruction for English as a Native Language and English as a Second Language students from beginning to advanced college level. Depending upon the diagnostic assessment, students will be placed in

an appropriate program. Students will progress from reading sentences and paragraphs to short selections, excerpts, and novels. Strategies are employed to help students with comprehension skills and vocabulary development. A placement test will be given to prescribe an appropriate reading course. Credit/No Credit enrollment through fourteenth week of the semester.

**LEARNING SKILLS 2**  
**English Fundamentals**  
**3 UNITS - NDC**

This is an individualized self-paced grammar course for the student who has limited knowledge of English structure. A placement test will be given to prescribe an appropriate grammar course. Students may enroll through the fourteenth week of the semester. (Credit/No Credit)

**LEARNING SKILLS 3**  
**Vocabulary Development**  
**5 UNITS - NDC**

Learning Skills 03A, 03B, and 03C are small group conversation classes designed to provide ESL students with class activities that will expand their comprehension and use of spoken English. Through the use of role-playing, practice dialogues, and impromptu speaking exercises, students are given the opportunity to improve their oral communication skills in a small group setting. Learning Skills 03D is an individualized, self-paced vocabulary program designed on various levels of difficulty. This course focuses on continued vocabulary growth and development, as well as provides students with helpful strategies for understanding complex vocabulary words. Learning Skills 03E-Occupational Vocabulary-is a specially designed course for students enrolled in the Child Development or Nutrition curricula. A placement test will be given to all students. Students may enroll through the fourteenth week of the semester.

**LEARNING SKILLS 4**  
**The Mechanics of Spelling**  
**1 UNIT - (RPT 3) NDC**

Individualized instruction in basic rules and word-attack skills covering vowels, consonants, blend diagraphs, syllables, complicated patterns, and word families. A placement test will be given to all students. Students may enroll through the fourteenth week of the semester. (Credit/No Credit)

**LEARNING SKILLS 6**  
**Academic Study Skills**  
**3 UNITS - NDC**

Academic study skills provides students with an individualized, self-paced program that effectively prepares them for success in academic and vocational courses. This course is designed to help students obtain college survival skills through self-paced modules with teacher assistance and provides the student with the skills, the techniques, and the practice needed for academic survival. Students may enroll through the fourteenth week of the semester. (Credit/No Credit)

**LEARNING SKILLS 7**  
**Basic Composition**  
**3 UNITS - NDC**

Students receive individualized writing instruction based on a diagnostic assessment which will reveal specific weaknesses in writing skills. Learning Skills 7 focuses upon basic sentence structures, paragraph development, and essay organization. The course prepares students to enroll in more formal content courses and/or as support for concurrent enrollment in general education classes. The class is designed for students testing below English 28. Students may enroll through the fourteenth week of the semester. (Credit/No Credit)

**LEARNING SKILLS 8**  
**Résumé Preparation and Job Search Skills**  
**3 UNITS - (RPT 3) NDC**

This course provides students with effective résumé writing and job search skills useful to all students when seeking employment. A placement test and English writing sample test will be given to all students. Students may enroll through the fourteenth week of the semester. This course is open to all students. Grades are on a credit/no-credit basis.

**LEARNING SKILLS 9**  
**The Metric System**  
**2 UNITS - NDC**

This course introduces students to the concepts of the metric system with particular focus on length, perimeter, area, volume, capacity, and weight. A placement test will be given to prescribe an appropriate metric system course. Credit/No-Credit enrollment through fourteenth week of semester.

**LEARNING SKILLS 10**  
**Mathematics Fundamentals**  
**3 UNITS - (RPT 3) NDC**

Individualized review of basic Mathematics skills involving fractions, decimals, percentages and ratio and proportion. Student may enroll in either Learning Skills 10 or Mathematics 105. A placement test will be given to prescribe an appropriate math course. Credit/No-Credit enrollment through fourteenth week on semester.

**LEARNING SKILLS 11**  
**Elementary Algebra**  
**5 UNITS - (RPT 3) NDC**

Individualized instruction in the basics of Algebra, focusing upon linear equations, formulas, inequalities, trinomials, algebraic fractions, linear equations and quadratic equations. A placement test will be given to prescribe an appropriate algebra math course. Credit/No-Credit enrollment through fourteenth week of semester.

**LEARNING SKILLS 15**  
**Overcoming Math Anxiety**  
**3 UNITS - (RPT 3) NDC**

This course is designed to reduce math anxiety and build self-confidence so that math concepts will be comprehensible. This course is open to all students and offered in a small group setting. Placement test will be given to prescribe an appropriate algebra math course. Credit/No-Credit enrollment through fourteenth week of semester.

**LEARNING SKILLS 24**  
**Theory & Practice of Tutoring**  
**3 UNITS - NDC**

This course is designed to provide theory and practice in tutoring sessions. Also, tutor training will be provided in each tutors' discipline (subject field).

**LEARNING SKILLS 26**  
**Basic Skills**  
**0 UNITS - NDC**

Designed for the beginning non-literate, low-literate student with no previous background in English. Students with employment-related goals and no reading and writing skills in any language, should initially be placed at this level.

## **LEARNING SKILLS 27**

### **Beginning Vocational English as a Second Language (VESL): The World Of Work 0 UNITS - NDC**

This course stresses the refinement of language skills in basic survival contexts related to the world of work. Emphasis is on the ability to understand and speak the language with sufficient fluency and accuracy to participate effectively at the workplace.

## **LEARNING SKILLS 28**

### **Careerways Vocational English as a Second Language (VESL) 0 UNITS - NDC**

Designed for the ESL student as a supplement to a regular ESL class, intended to explore career paths and options for students. Student values, skills, interests and abilities are indicators of career pathways which are explored in this curriculum.

## **LEARNING SKILLS 40**

### **Introduction to Learning Disabilities 1 UNIT - NDC**

This course will explore the nature of learning disabilities, and the laws, accommodations, campus resources, and services available for academic improvement. Through assessment, students will discover personal learning strengths and weakness to develop a plan for academic success. Eligibility for support services will be determined.

## **LEARNING SKILLS 41**

### **Study Strategies for the Learning Disabled 3 UNITS - (RPT 2) NDC**

This study skills course is designed for students with specific disabilities and teaches techniques to enable students with specific disabilities to compete and cope with the demands of the college's academic curriculum. Enrollment is intended for students with current functional limitations that prevent the student from benefiting from classes without this support.

## **LEARNING SKILLS 43**

### **Adaptive Word Processing Operations 1 UNIT - (RPT 3) NDC**

Offered on a Credit/No-Credit basis only.

This course will offer students with verified disabilities instruction on a variety of computer programs and specialized equipment needed to participate equally in college academic courses. Note: Enrollment is intended for those with verified disabilities and with current functional limitations which relate to their need for specific technology or programs.

## **LEARNING SKILLS 52**

### **Test Preparation for the General Education Development (GED) Literature and Arts 1 UNIT - (RPT 3) NDC**

Advisory: English 20 or LS1A, 1B, & 1C - Reading.

This course is designed to prepare students to pass the GED: Literature and the Arts test. It will include critical thinking skills – reading comprehension skills, interpret graphs, analysis in literature and the arts, tone and style/prose fiction, interpret poetry, interpret drama, interpret plays, interpret non-fiction and commentaries.

## **LEARNING SKILLS 53**

### **Test Preparation for the General Education Development (GED): Writing Skills 1 UNIT – (RPT 3) NDC**

Advisory: English 20, LS 1A, 1B, 1C-Basic Composition or LS 2A, 2B, 2C, English Fundamental.

This course is designed to prepare students to pass the GED: Writing Skills Test. Emphasis is placed upon basic grammar and usage skills, sentence structure, punctuation, and writing organization. It will include basics grammar and usage skills, sentence structure, capitalization, punctuation, spelling, and the essay.

## **LEARNING SKILLS 54**

### **Test Preparation for the General Education Development (GED): Science Test 1 UNIT - (RPT 3) NDC**

Advisory: English 20 or Learning Skills 1A, 1B, 1C - Reading.

This course is designed to prepare students to pass the GED: Science Test. The course focuses upon concepts discussed in biology, earth science, astronomy, geology, meteorology, chemistry, and physics.

## **LEARNING SKILLS 55**

### **Test Preparation for the General Education Development (GED): Mathematics 1 UNIT - (RPT 3) NDC**

Advisory: Math 105 or Learning Skills 10A, 10B, & 10C.

This course is designed to prepare students to pass the GED: Math Test. Concepts covered include basic arithmetic, metrics, algebra, geometry, statistics, and probability.

## **LEARNING SKILLS 56**

### **Test Preparation for the General Education Development (GED): Social Studies 1 UNIT - (RPT 3) NDC**

Advisory: English 20 or Learning Skills 1A, 1B, & 1C - Reading.

This course is designed to prepare students to pass the GED: Social Studies Test. It will include thirteen English Colonies, the Revolutionary War, inflation and its effects, various branches of government, time zones, anthropology, sociology, and psychology.

## **LEARNING SKILLS 900**

### **Supervised Learning Assistance 0 UNITS - NDC**

Prerequisite: Enrollment in any course at LACC.

Upon faculty/counselor referral, students will receive tutoring in designated subject areas in the Learning Skills Center. Cumulative progress and attendance records will be maintained for this non-credit, open-entry/open-exit course. No tuition will be charged nor will grades be received for enrollment in this course.

This course provides students with various note-taking methods and techniques for recording information for later recall and study purposes. Effective note taking skills will prepare students to take test. A placement test will be given to all students. Students may enroll through the fourteenth week of the semester. (Credit/No Credit)



## LIBERAL ARTS

See a Counselor for Info.  
Interdisciplinary Program

### PROGRAMS OFFERED

Associate of Arts:  
Liberal Arts

### DEGREE PROGRAM

#### LIBERAL ARTS

#### **Associate in Arts Degree & Transfer Major Transfer Program**

Students who plan to transfer to a four-year college or university may choose the Associate in Arts degree with a major in Liberal Arts by completing the requirements listed below. This program permits the student the greatest amount of flexibility in meeting the specific transfer requirements of individual four-year colleges or universities.

The Liberal Arts Associate Degree requires the completion of:

- 1) Plan A General Education requirements.
- 2) A separate 18 units of any CSU or UC transferable courses.
- 3) A total of 60 or more degree applicable units.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)



## LIBRARY

Chair: Barbara Vasquez  
(323) 953-4000 ext. 2407 • LIB216C

<http://www.lacitycollege.edu/resource/library/index.html>

### PROGRAMS OFFERED

Courses Only - No Degree/Certificate

### COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

#### **LIBRARY SCIENCE 101**

#### **Library Research Methods**

#### **1 UNIT – (CSU)**

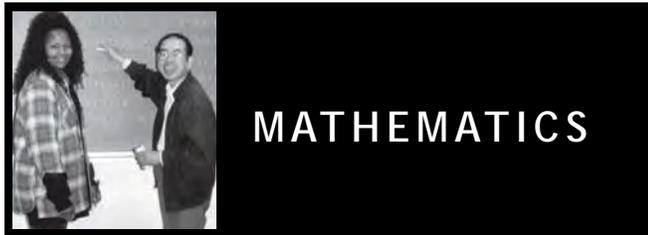
Individualized instruction in the use of the library, its resources, and the rudiments of research.

#### **LIBRARY SCIENCE 102**

#### **Internet Research Methods**

#### **1 UNIT – (CSU)**

Locate and evaluate information resources on the Internet using the World Wide Web, Lists, Usenet, FTP, and more. Learn principles of information access, development of search strategies, evaluation criteria and processes, and specific Internet Search Tools. Issues regarding intellectual property, censorship, and on line publishing will be covered.



# MATHEMATICS

**Chair: Roger Wolf**  
**(323) 953-4000 ext. 2810 • JH312**

[www.lacitycollege.edu/academic/departments/math/mathdept/index.html](http://www.lacitycollege.edu/academic/departments/math/mathdept/index.html)

## PROGRAMS OFFERED

**Associate of Science:  
 Mathematics**

NOTE: Every new incoming student will be required to take the math assessment unless he/she has satisfied the prerequisite by a college level course or a comparable assessment from another college. Those students placing above Math 125 please note: if the placement information given to you does not fit your circumstances, see Math Department chair for more detailed evaluation.

## DEGREE PROGRAM

### **MATHEMATICS** **Associate of Science Degree** **Transfer Program**

The curriculum shown below is designed to guide students in the Mathematics major and to encourage students to start courses in this major early in their college career. By completing this curriculum, students will be ready to compete in this major with other students at a four-year college or university. Whether or not students elect to receive the Associate of Science degree, the courses listed below are those that will prepare them to enter their transfer institutions fully prepared to pursue the Mathematics major.

| COURSES                                                                                                   | UNITS     |
|-----------------------------------------------------------------------------------------------------------|-----------|
| <b>First Semester</b>                                                                                     |           |
| Mathematics 135 .....                                                                                     | 1         |
| Mathematics 261 .....                                                                                     | 5         |
| <b>Second Semester</b>                                                                                    |           |
| Mathematics 262 .....                                                                                     | 5         |
| Mathematics 270 .....                                                                                     | 3         |
| <b>Third Semester</b>                                                                                     |           |
| Mathematics 263 .....                                                                                     | 5         |
| <b>Fourth Semester</b>                                                                                    |           |
| Mathematics 275 .....                                                                                     | 3         |
| <b>Total Units</b> .....                                                                                  | <b>22</b> |
| Depending on your preparation, you may need additional prerequisite courses before entering this program. |           |

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

UC maximum limit: Refer to [www.assist.org](http://www.assist.org)

### **MATHEMATICS 100** **Mathematics Workshop** **1 UNIT - NDC**

This course is designed to supplement and enhance learning experience by providing tutorial and self-help assistance, using tutorial assistance, calculators, computers, programmed texts, and other learning aids.

### **MATHEMATICS 105** **Arithmetic for College Students** **3 UNITS - NDC**

Open to all students.  
 Reviews the fundamentals of arithmetic that are essential to success in many college courses.

### **MATHEMATICS 112** **Pre-Algebra** **3 UNITS - NDC**

Prerequisite: Mathematics 105 with a satisfactory grade or equivalent.  
 Bridges the gap between Arithmetic and Algebra. In addition to a brief review of Arithmetic, topics include signed numbers, laws of exponents, polynomial operations, mathematical sentences, and an introduction to graphs in Cartesian coordinates.

### **MATHEMATICS 113** **Elementary Algebra A** **3 UNITS**

Prerequisite: Mathematics 112 with a satisfactory grade or equivalent.  
 Mathematics 113 and 114 together are equivalent to Mathematics 115 (see course description for Mathematics 115). Credit is allowed in only one Mathematics 115, or the Mathematics 113 and 114 combination. Simultaneous enrollment in Math 113 and 114 is not permitted.

### **MATHEMATICS 114** **Elementary Algebra B** **3 UNITS**

Prerequisite: Mathematics 113 with a satisfactory grade or equivalent.  
 Mathematics 113 and 114 together are equivalent to Mathematics 115 (see course description for Mathematics 115). Credit is allowed in only one

Mathematics 115, or the Mathematics 113 and 114 combination. Simultaneous enrollment in Math 113 and 114 is not permitted.

**MATHEMATICS 115**  
**Elementary Algebra**  
**5 UNITS - (A)**

Prerequisite: Mathematics 112 with a satisfactory grade or equivalent.  
This course is for those who have had no algebra or whose preparation in algebra is deficient. Topics include variables, polynomials, equations, factoring, systems of linear equations, graphs, inequalities and quadratic equations.

**MATHEMATICS 121**  
**Essentials of Geometry**  
**3 UNITS – (A)**

Prerequisite: Mathematics 115 with a satisfactory grade or equivalent.  
This course covers the definitions, axioms and theorems of geometry relating to angles, lines, circles and polygons. Basic constructions are introduced. The meaning and techniques of logical proofs are heavily emphasized.

**MATHEMATICS 124**  
**Intermediate Algebra**  
**5 UNITS - (A)**

This course will only be offered in the two modules: Math 124A and Math 124B.  
Prerequisite: Mathematics 115 with satisfactory grade or equivalent.  
Mathematics 124A and 124B together are equivalent to Mathematics 125 (see course description for Mathematics 125). Credit is allowed in only one Mathematics 125, or the Mathematics 124A and 124B combination. Simultaneous enrollment in Math 124A and 124B is not permitted.

**MATHEMATICS 125**  
**Intermediate Algebra**  
**5 UNITS - (A)**

Prerequisite: Mathematics 115 with a satisfactory grade or equivalent. A maximum of 8 units may be earned by any combination of Mathematics 125, 240, and 245.  
Topics include laws of exponents, radicals, equations in one variable (linear, quadratic, and some of higher degree), systems of linear equations, graphical representations, logarithms, binomial theorem, and complex numbers.

**MATHEMATICS 135**  
**Using The Computer for Mathematics**  
**1 UNIT - (CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Advisory: Mathematics 245 or equivalent.  
The students are introduced to a computer algebra system, which is useful for problem solving in science and mathematics. Topics include the study of algebraic manipulations, functions, graphics, and the applications of mathematics in the real world using mathematical software. This course is essential for majors in Mathematics, Sciences, and Engineering.

**MATHEMATICS 202**  
**Mathematics Workshop**  
**1 UNIT**

This course is designed to supplement and enhance learning in mathematics by providing tutorial and self-help assistance, calculators, computers, programmed text, and other learning aids for baccalaureate level mathematics courses.

**MATHEMATICS 215**  
**Principles of Mathematics I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Lecture 3 hours.

This course is the first of two in a sequence designed for prospective elementary school teachers. Topics include sets and relations, numbering systems, and elementary number theory. The main concern, however, will be understanding the structure of systems of whole numbers, integers, and rational numbers.

**MATHEMATICS 216**  
**Principles of Mathematics II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 215 with a satisfactory grade or equivalent.  
Lecture 3 hours.  
This course is the second of two in a sequence for prospective elementary teachers. Topics include decimal and real numbers, rational numbers, abstract mathematical systems, geometry and the metric system.

**MATHEMATICS 225**  
**Introductory Statistics**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Credit allowed for only one of Mathematics 225 and Business 15. Transfer Limit, UC: Maximum one course from Mathematics 225 and Business 15.  
Topics include measures of central tendency, measures of dispersion, normal distribution, hypothesis testing, correlation and analysis of variance.

**MATHEMATICS 226**  
**Elementary Statistics Problem Solving**  
**1 UNIT - (CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Co-requisite: Mathematics 225 to be taken simultaneously or completed previously.  
Problem solving techniques related to probability, sampling, measures of central tendency and dispersion, various distributions, hypotheses testing, correlation and regression are covered as time allows.

**MATHEMATICS 227**  
**Statistics**  
**4 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
This course is an introduction to probability, descriptive and inferential statistics including measures of central tendency and dispersion, sampling, and estimation. Hypothesis testing, analysis of variance, test of independence, linear correlation and regression analysis also are covered.

**MATHEMATICS 230**  
**Mathematics for Liberal Arts**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
This course is intended for liberal arts majors. Topics include sets and counting, probability, linear systems, linear programming, statistics and mathematics of finance with applications for liberal arts majors, and logic.

**MATHEMATICS 236**  
**Calculus for Business and Social Sciences**  
**5 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Calculus: limits, derivatives, optimization, antiderivatives, and definite integrals and their applications in Business, Economics, and Social Sciences. (This course contains some topics of Precalculus: Analysis of polynomial, rational, exponential and logarithmic functions, including their graphs.)

**MATHEMATICS 237**  
**Advanced Calculus for Business  
and Social Sciences III**  
**5 UNITS - (UC:CSU)**

Prerequisite: Mathematics 236 with a satisfactory grade or equivalent.  
Further topics in calculus, differential equations, matrix algebra, Gauss Jordan method for solving systems of linear equations, linear programming including the simplex method, probability, and financial mathematics.

**MATHEMATICS 240**  
**Trigonometry**  
**3 UNITS - (CSU)**

Prerequisite: Mathematics 125 and Mathematics 121 with satisfactory grades or better or equivalent.  
A maximum of 8 units of credit may be earned by any combination of Mathematics 125, 240 and 245.  
Analytical trigonometry and applications to right and oblique triangles are covered. Topics include inverse trigonometric functions and trigonometric equations.

**MATHEMATICS 245**  
**College Algebra**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Topics include theory of equations, polynomial and rational functions and their graphs, partial fractions, systems of equations, matrices, determinants, permutations, combinations, probability, sequences and series, binomial theorem, mathematical induction.

**MATHEMATICS 260**  
**Precalculus**  
**5 UNITS - (UC:CSU)**

Prerequisite: Mathematics 240 with a satisfactory grade or equivalent.  
A pre-calculus course in college algebra and analytical geometry, covering inequalities, systems of equations, rational, algebraic, trigonometric, exponential and logarithmic functions, binomial theorem, conic sections, complex numbers, polar coordinates, vectors and their dot and cross products and vector valued functions.

**MATHEMATICS 261**  
**Calculus I**  
**5 UNITS - (UC:CSU)**

Prerequisite: Mathematics 260 with a satisfactory grade or equivalent.  
Includes functions and their graphs, limits, continuity, derivatives of functions of one variable, Mean Value Theorem, integrals, the Fundamental Theorem of Calculus, differentiation and integration of logarithmic and exponential functions and their applications.

**MATHEMATICS 262**  
**Calculus II**  
**5 UNITS - (UC:CSU)**

Prerequisite: Mathematics 261 with a satisfactory grade or equivalent.  
Includes the study of the differentiation and integration of transcendental functions, techniques of integration, sequences, infinite series, and curves in polar coordinates.

**MATHEMATICS 263**  
**Calculus III**  
**5 UNITS - (UC:CSU)**

Prerequisite: Mathematics 262 with a satisfactory grade or equivalent.  
Includes vectors, calculus, and parametric equations, surfaces, partial

differentiation, gradient, maxima and minima for functions of several variables, multiple integrals, surface integrals, line integrals, Green's Theorem, Divergence Theorem, and Stokes' Theorem.

**MATHEMATICS 270**  
**Linear Algebra**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 261 with a satisfactory grade or equivalent.  
Advisory: Simultaneous enrollment in Mathematics 262.  
A study of vector spaces, linear transformations, matrices, matrix algebra, determinants, solutions of systems of equations.

**MATHEMATICS 272**  
**Methods of Discrete Mathematics**  
**5 UNITS - (UC [pending]:CSU)**

Prerequisite: Mathematics 260 with a satisfactory grade or equivalent.  
This course stresses mathematical reasoning and the different ways problems are solved. Interwoven in this course are: mathematical reasoning (logic and mathematical proofs), algorithm (use of pseudocode), combinatorial analysis (ability to count), and discrete structures and their basic applications.

**MATHEMATICS 275**  
**Ordinary Differential Equations**  
**3 UNITS - (UC:CSU)**

Prerequisite: Mathematics 262 with a satisfactory grade or equivalent.  
Topics may include linear differential equations, applications, and systems of simultaneous differential equations, solutions by series, regular singular points, numerical solutions, method of successive approximations.

## ARCHIEVED COURSES

These courses are currently not offered.

**MATHEMATICS 120**  
**Plane Geometry**  
**5 UNITS - (A)**

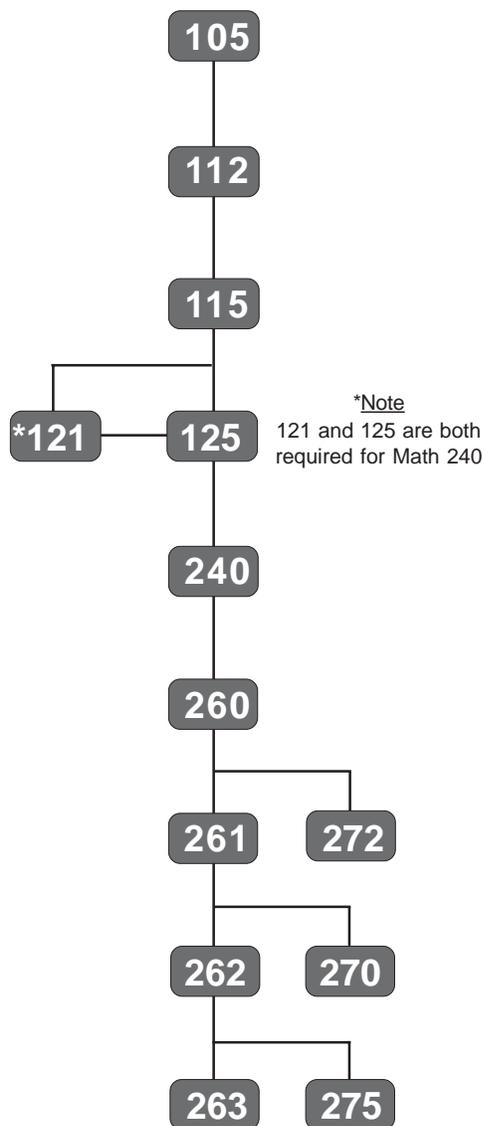
Prerequisite: Mathematics 115 with a satisfactory grade or equivalent.  
A study of points, lines, planes, angles, triangles, polygons, circles and areas of plane regions.

**MATHEMATICS 235 (ARCHIVED)**  
**Finite Mathematics**  
**5 UNITS - (UC:CSU)**

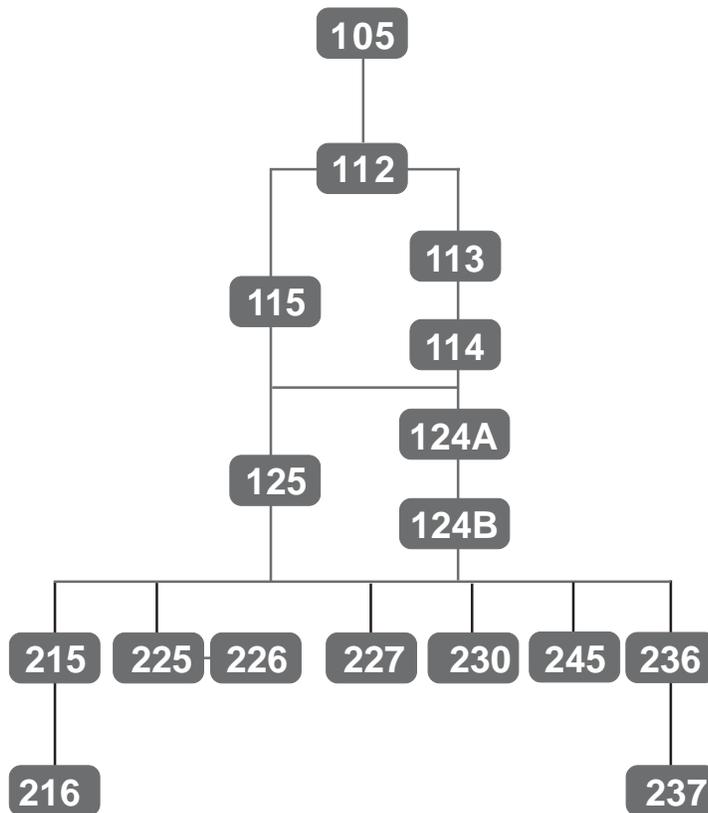
Prerequisite: Mathematics 125 with a satisfactory grade or equivalent.  
Math 245 is recommended.  
Advisory: Mathematics 236 may be taken simultaneously.  
Topics include matrix algebra, the Gauss elimination technique for solving systems of linear equations, linear programming including the simplex method, probability and financial mathematics.

# MATHEMATICS COURSE SEQUENCE

## TRACK 1 Math/Science



## TRACK 2 Liberal Arts/Business



1. Select a track that more closely relates to your educational goals.
2. Place into that track by taking the placement test (find information at the math office) or by having taken the prerequisite course (see catalog or schedule of classes).

### Math Tutoring Lab

$\pi$  Shop

100

200

### Using the Computer for Math

135

Math 105 – Arithmetic for College Students

Math 112 – Pre-Algebra

Math 113 – Elementary Algebra A

Math 114 – Elementary Algebra B

Math 115 – Elementary Algebra

Math 121 – Essentials of Geometry

Math 124A – Intermediate Algebra A

Math 124B – Intermediate Algebra B

Math 125 – Intermediate Algebra

Math 215 – Principles of Mathematics I

Math 216 – Principles of Mathematics II

Math 225 – Introductory Statistics I

Math 226 – Elementary Statistics Problem Solving

Math 227 – Statistics

Math 230 – Mathematics for Liberal Arts

Math 236 – Calculus for Business  
and Social Science II

Math 237 – Advanced Calculus for Business  
and Social Science III

Math 240 – Trigonometry

Math 245 – College Algebra

Math 260 – Precalculus

Math 261 – Calculus I

Math 262 – Calculus II

Math 263 – Calculus III

Math 270 – Linear Algebra

Math 272 – Methods of Discrete Mathematics

Math 275 – Ordinary Differential Equations

- as of Fall 2005-



**Chair: Dr. Dan Wanner**  
**(323) 953-4000 ext. 2880 • CH243**

[www.lacitycollege.edu/academic/departments/music/index.html](http://www.lacitycollege.edu/academic/departments/music/index.html)

## PROGRAMS OFFERED

Associate of Arts:  
 Music

### Certificates/Skill Certificates:

#### Instrumental Performer:

- Brass (Level 1 - 4)
- Guitar (Level 1 - 4)
- Organ (Level 1 - 4)
- Percussion (Level 1 - 4)
- Piano (Level 1 - 4)
- Strings (Level 1 - 4)
- Woodwinds (Level 1 - 4)

- Music Copyist (Level 1 - 4)
- Music Technology (Level 1 - 4)
- Orchestrator/Arranger (Level 1 - 4)
- Vocal Performer (Level 1 - 4)

## DEGREE PROGRAM

### MUSIC

#### Associate of Arts Degree

##### *Transfer/Career Program*

The Music Department of Los Angeles City College prepares students for transfer to four year colleges and universities, for transfer to Music Education Certification programs, and for employment in the commercial music industry.

The Music Major Core Curriculum is outlined below. Although the order and semester in which courses are taken may have to be modified to meet individual needs, all courses listed as requirements are needed for the Associate of Arts degree with a Major in Music. Students will select additional courses in Music needed for proficiency in particular performance areas, composition, and orchestration and arranging.

All students should see a music counselor in the Music Department for assistance in arranging their academic programs.

| COURSES | UNITS |
|---------|-------|
|---------|-------|

#### First Semester

|                                     |       |
|-------------------------------------|-------|
| Music 152*                          | 1     |
| Music 200*                          | 4     |
| Music 300*                          | 1     |
| Music 311* (or more advanced level) | 1     |
| Performance Ensemble (See Below)*   | 0.5-1 |

#### Second Semester

|                                     |       |
|-------------------------------------|-------|
| Music 152*                          | 1     |
| Music 201*                          | 3     |
| Music 211*                          | 2     |
| Music 301*                          | 1     |
| Music 312* (or more advanced level) | 1     |
| Performance Ensemble (See Below)*   | 0.5-1 |

#### Third Semester

|                                    |       |
|------------------------------------|-------|
| Music 111                          | 3     |
| Music 152                          | 1     |
| Music 202                          | 3     |
| Music 212                          | 2     |
| Music 302                          | 1     |
| Music 313 (or more advanced level) | 1     |
| Performance Ensemble (See Below)*  | 0.5-1 |

#### Fourth Semester

|                                    |       |
|------------------------------------|-------|
| Music 152                          | 1     |
| Music 203                          | 3     |
| Music 213                          | 2     |
| Music 303                          | 1     |
| Music 314 (or more advanced level) | 1     |
| Performance Ensemble (See Below)*  | 0.5-1 |

**Total Units** ..... **36**

The Performance Ensemble requirement may be satisfied by enrollment in/ and satisfactory completion of any of the following courses: Music 251, 351, 501, 511, 521, 531, 561, 705, 711, 725, 731, 751, 765, 771, 775, 781.

\*These starred (\*) courses must be included in the minimum requirements under Graduation Requirements "Plan A." All courses in the core curriculum must be completed under Graduation Requirements "Plan B." It is also strongly recommended that students consider auditioning for Applied Music in their primary performance area while at LACC.

Students may select "PLAN A" or "Plan B" general education requirements to graduate.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
- 6-9 Units Communication/Analytical Thinking
- 3 Units Natural Sciences
- 3 Units Humanities
- 9 Units Social/Behavioral Sciences (including American History & Governments)
- 3-4 Units Health/Physical Education
- 3-5 Units Math Competency  
 (Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

The Commercial Music Certificate curriculum has been designed to provide the student with means to acquire valuable knowledge, expertise, and marketable skills with which to obtain employment in the following areas:

Instrumental Performer: Brass, Guitar, Organ, Percussion,  
Piano, Strings, Woodwinds

Music Copyist  
Music Technology  
Orchestrator/Arranger  
Vocal Performer

Each Certificate is made up of four skill levels. A Skill Certificate will be awarded by the Music Department upon application by the student to the Department showing satisfactory completion of the requirements for each level. A Commercial Music Certificate will be awarded by the Music Department to a student who has successfully completed the four levels required for a given specialty.

### COMMERCIAL MUSIC: INSTRUMENTAL PERFORMER / BRASS Certificate

| LEVEL I: COURSES                                       | UNITS |
|--------------------------------------------------------|-------|
| Music 152 .....                                        | 1     |
| Music 200 .....                                        | 4     |
| Music 241 .....                                        | 1     |
| Music 300 .....                                        | 1     |
| Music 311* .....                                       | 1     |
| Music 601** .....                                      | 2     |
| Performance Ensemble .....                             | 0.5   |
| (Select from Music 501, 711, 725, 731, 751, 775, 781). |       |
| Music Electives .....                                  | 2     |

| LEVEL II: COURSES                                | UNITS |
|--------------------------------------------------|-------|
| Music 152 .....                                  | 1     |
| Music 161 .....                                  | 3     |
| Music 201 .....                                  | 3     |
| Music 211 .....                                  | 2     |
| Music 301 .....                                  | 1     |
| Music 312* .....                                 | 1     |
| Music 602** .....                                | 2     |
| Performance Ensemble .....                       | 0.5   |
| (Select from Music 711, 725, 731, 751, 775, 781) |       |

| LEVEL III: COURSES                          | UNITS |
|---------------------------------------------|-------|
| Music 152 .....                             | 1     |
| Music 202 .....                             | 3     |
| Music 212 .....                             | 2     |
| Music 302 .....                             | 1     |
| Music 313* .....                            | 1     |
| Music 603** .....                           | 2     |
| Performance Ensemble .....                  | 0.5   |
| (Select from Music 725, 731, 751, 775, 781) |       |
| Music Electives .....                       | 2     |

| LEVEL IV: COURSES                           | UNITS       |
|---------------------------------------------|-------------|
| Music 152 .....                             | 1           |
| Music 230 .....                             | 3           |
| Music 251 .....                             | 0.5         |
| Music 604 .....                             | 2           |
| Performance Ensemble .....                  | 0.5         |
| (Select from Music 725, 731, 751, 775, 781) |             |
| English 28*** .....                         | 3           |
| Music 137 or Law 33 .....                   | 3           |
| <b>Total Units</b> .....                    | <b>51.5</b> |

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Or more advanced Brass level determined by fulfillment of prerequisite or by departmental audition.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

### COMMERCIAL MUSIC: INSTRUMENTAL PERFORMER / GUITAR Certificate

| LEVEL I: COURSES                                 | UNITS |
|--------------------------------------------------|-------|
| Music 152 .....                                  | 1     |
| Music 200 .....                                  | 4     |
| Music 241 .....                                  | 1     |
| Music 300 .....                                  | 1     |
| Music 311* .....                                 | 1     |
| Music 650** .....                                | 2     |
| Performance Ensemble .....                       | 0.5   |
| (Select from Music 501, 711, 725, 771, 775, 781) |       |
| Music Electives .....                            | 2     |

| LEVEL II: COURSES                           | UNITS |
|---------------------------------------------|-------|
| Music 152 .....                             | 1     |
| Music 161 .....                             | 3     |
| Music 201 .....                             | 3     |
| Music 211 .....                             | 2     |
| Music 301 .....                             | 1     |
| Music 312* .....                            | 1     |
| Music 651** .....                           | 2     |
| Performance Ensemble .....                  | 0.5   |
| (Select from Music 711, 725, 771, 775, 781) |       |

| LEVEL IV: COURSES                           | UNITS |
|---------------------------------------------|-------|
| Music 152 .....                             | 1     |
| Music 202 .....                             | 3     |
| Music 212 .....                             | 2     |
| Music 302 .....                             | 1     |
| Music 313* .....                            | 1     |
| Music 652** .....                           | 2     |
| Music 670 .....                             | 2     |
| Performance Ensemble .....                  | 0.5   |
| (Select from Music 711, 725, 771, 775, 781) |       |

| LEVEL IV: COURSES                           | UNITS |
|---------------------------------------------|-------|
| Music 152 .....                             | 1     |
| Music 230 .....                             | 3     |
| Music 251 .....                             | 0.5   |
| Music 653** .....                           | 2     |
| Performance Ensemble .....                  | 0.5   |
| (Select from Music 711, 725, 771, 775, 781) |       |
| English 28*** .....                         | 3     |
| Music 137 or Law 33 .....                   | 3     |

**Total Units** ..... 51.5

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Or more advanced Guitar level determined by fulfillment of prerequisite or by departmental audition.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
INSTRUMENTAL PERFORMER / ORGAN  
Certificate**

| LEVEL I: COURSES             | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 200 .....              | 4     |
| Music 241 .....              | 1     |
| Music 300 .....              | 1     |
| Music 311* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Electives*** .....     | 4     |

| LEVEL II: COURSES            | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 161 .....              | 3     |
| Music 201 .....              | 3     |
| Music 211 .....              | 2     |
| Music 301 .....              | 1     |
| Music 312* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Elective *** .....     | 1     |

| LEVEL IV: COURSES            | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 202 .....              | 3     |
| Music 212 .....              | 2     |
| Music 302 .....              | 1     |
| Music 313* .....             | 1     |
| Music 381**** .....          | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Electives .....        | 3     |

| LEVEL IV: COURSES            | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 230 .....              | 3     |
| Music 251 .....              | 0.5   |
| Performance Ensemble** ..... | 0.5   |
| Music 382**** .....          | 1     |
| English 28***** .....        | 3     |
| Music 137 or Law 33 .....    | 3     |

**Total Units** ..... 49.5

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Select from Music 351, 501, 511, 521, 531, 561, 705, 711, 725, 731, 751, 765, 771, 775, 781.
- \*\*\* If piano proficiency is 313 or above, student is strongly recommended to take Music 381 or higher.
- \*\*\*\* Or more advanced organ level determined by fulfillment of prerequisite or by departmental audition.
- \*\*\*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
INSTRUMENTAL PERFORMER / PERCUSSION  
Certificate**

| LEVEL I: COURSES                                           | UNITS |
|------------------------------------------------------------|-------|
| Music 152 .....                                            | 1     |
| Music 200 .....                                            | 4     |
| Music 241 .....                                            | 1     |
| Music 300 .....                                            | 1     |
| Music 311* .....                                           | 1     |
| Music 631** .....                                          | 2     |
| Performance Ensemble .....                                 | 0.5   |
| (Select from Music 501, 711, 725, 731, 751, 765, 775, 781) |       |
| Music Electives .....                                      | 2     |

| LEVEL II: COURSES                                     | UNITS |
|-------------------------------------------------------|-------|
| Music 152 .....                                       | 1     |
| Music 161 .....                                       | 3     |
| Music 201 .....                                       | 3     |
| Music 211 .....                                       | 2     |
| Music 301 .....                                       | 1     |
| Music 312* .....                                      | 1     |
| Music 632** .....                                     | 2     |
| Performance Ensemble .....                            | 0.5   |
| (Select from Music 711, 725, 731, 751, 765, 775, 781) |       |

| LEVEL III: COURSES                                    | UNITS |
|-------------------------------------------------------|-------|
| Music 152 .....                                       | 1     |
| Music 202 .....                                       | 3     |
| Music 212 .....                                       | 2     |
| Music 302 .....                                       | 1     |
| Music 313* .....                                      | 1     |
| Music 633** .....                                     | 2     |
| Performance Ensemble .....                            | 0.5   |
| (Select from Music 711, 725, 731, 751, 765, 775, 781) |       |
| Music Electives .....                                 | 2     |

| LEVEL IV: COURSES                                     | UNITS |
|-------------------------------------------------------|-------|
| Music 152 .....                                       | 1     |
| Music 230 .....                                       | 3     |
| Music 251 .....                                       | 0.5   |
| Music 634 .....                                       | 2     |
| Performance Ensemble .....                            | 0.5   |
| (Select from Music 711, 725, 731, 751, 765, 775, 781) |       |
| English 28*** .....                                   | 3     |
| Music 137 or Law 33 .....                             | 3     |

**Total Units** ..... 51.5

\* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.

\*\* Or more advanced percussion level determined by fulfillment of prerequisite or by departmental audition.

\*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
INSTRUMENTAL PERFORMER / PIANO  
Certificate**

| LEVEL I: COURSES             | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 200 .....              | 4     |
| Music 241 .....              | 1     |
| Music 300 .....              | 1     |
| Music 311* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Electives .....        | 4     |

| LEVEL II: COURSES            | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 161 .....              | 3     |
| Music 201 .....              | 3     |
| Music 211 .....              | 2     |
| Music 301 .....              | 1     |
| Music 312* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Elective .....         | 1     |

| LEVEL III: COURSES           | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 202 .....              | 3     |
| Music 212 .....              | 2     |
| Music 302 .....              | 1     |
| Music 313* .....             | 1     |
| Music 361 .....              | 2     |
| Performance Ensemble** ..... | 0.5   |
| Music Electives .....        | 2     |

| LEVEL IV: COURSES            | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 230 .....              | 3     |
| Music 251 .....              | 0.5   |
| Music 361 .....              | 2     |
| Performance Ensemble** ..... | 0.5   |
| English 28*** .....          | 3     |
| Music 137 or Law 33 .....    | 3     |

**Total Units** ..... 50.5

\* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.

\*\* Select from any of the following: 351, 501, 511, 521, 531, 561, 705, 711, 725, 731, 751, 765, 771, 775, 781.

\*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
INSTRUMENTAL PERFORMER / STRINGS  
Certificate**

| LEVEL I: COURSES                                 | UNITS |
|--------------------------------------------------|-------|
| Music 152 .....                                  | 1     |
| Music 200 .....                                  | 4     |
| Music 241 .....                                  | 1     |
| Music 300 .....                                  | 1     |
| Music 311* .....                                 | 1     |
| Music 611** .....                                | 2     |
| Performance Ensemble .....                       | 0.5   |
| (Select from Music 501, 705, 711, 725, 775, 781) |       |
| Music Electives .....                            | 2     |

| LEVEL II: COURSES                           | UNITS |
|---------------------------------------------|-------|
| Music 152 .....                             | 1     |
| Music 161 .....                             | 3     |
| Music 201 .....                             | 3     |
| Music 211 .....                             | 2     |
| Music 301 .....                             | 1     |
| Music 312* .....                            | 1     |
| Music 612** .....                           | 2     |
| Performance Ensemble .....                  | 0.5   |
| (Select from Music 705, 711, 725, 775, 781) |       |

| LEVEL III: COURSES                          | UNITS |
|---------------------------------------------|-------|
| Music 152 .....                             | 1     |
| Music 202 .....                             | 3     |
| Music 212 .....                             | 2     |
| Music 302 .....                             | 1     |
| Music 313* .....                            | 1     |
| Music 613** .....                           | 2     |
| Performance Ensemble .....                  | 0.5   |
| (Select from Music 705, 711, 725, 775, 781) |       |
| Music Electives .....                       | 2     |

| LEVEL IV: COURSES                           | UNITS       |
|---------------------------------------------|-------------|
| Music 152 .....                             | 1           |
| Music 230 .....                             | 3           |
| Music 251 .....                             | 0.5         |
| Music 614 .....                             | 2           |
| Performance Ensemble .....                  | 0.5         |
| (Select from Music 705, 711, 725, 775, 781) |             |
| English 28*** .....                         | 3           |
| Music 137 or Law 33 .....                   | 3           |
| <b>Total Units</b> .....                    | <b>51.5</b> |

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Or more advanced string level determined by fulfillment of prerequisite or by departmental audition.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
INSTRUMENTAL PERFORMER / WOODWINDS  
Certificate**

| LEVEL I: COURSES                                      | UNITS |
|-------------------------------------------------------|-------|
| Music 152 .....                                       | 1     |
| Music 200 .....                                       | 4     |
| Music 241 .....                                       | 1     |
| Music 300 .....                                       | 1     |
| Music 311* .....                                      | 1     |
| Music 621** .....                                     | 2     |
| Performance Ensemble .....                            | 0.5   |
| (Select from Music 501, 711, 725, 731, 751, 775, 781) |       |
| Music Electives .....                                 | 2     |

| LEVEL II: COURSES                                | UNITS |
|--------------------------------------------------|-------|
| Music 152 .....                                  | 1     |
| Music 161 .....                                  | 3     |
| Music 201 .....                                  | 3     |
| Music 211 .....                                  | 2     |
| Music 301 .....                                  | 1     |
| Music 312* .....                                 | 1     |
| Music 622** .....                                | 2     |
| Performance Ensemble .....                       | 0.5   |
| (Select from Music 711, 725, 731, 751, 775, 781) |       |

| LEVEL III: COURSES                               | UNITS |
|--------------------------------------------------|-------|
| Music 152 .....                                  | 1     |
| Music 202 .....                                  | 3     |
| Music 212 .....                                  | 2     |
| Music 302 .....                                  | 1     |
| Music 313* .....                                 | 1     |
| Music 623** .....                                | 2     |
| Performance Ensemble .....                       | 0.5   |
| (Select from Music 711, 725, 731, 751, 775, 781) |       |
| Music Electives .....                            | 2     |

| LEVEL IV: COURSES                                | UNITS       |
|--------------------------------------------------|-------------|
| Music 152 .....                                  | 1           |
| Music 230 .....                                  | 3           |
| Music 251 .....                                  | 0.5         |
| Music 624 .....                                  | 2           |
| Performance Ensemble .....                       | 0.5         |
| (Select from Music 711, 725, 731, 751, 775, 781) |             |
| English 28*** .....                              | 3           |
| Music 137 or Law 33 .....                        | 3           |
| <b>Total Units</b> .....                         | <b>51.5</b> |

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Or more advanced string level determined by fulfillment of prerequisite or by departmental audition.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
MUSIC COPYIST  
Certificate**

| LEVEL I: COURSES             | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 161 .....              | 3     |
| Music 200 .....              | 4     |
| Music 241 .....              | 1     |
| Music 300 .....              | 1     |
| Music 311* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Elective .....         | 1     |

| LEVEL II: COURSES          | UNITS |
|----------------------------|-------|
| Music 152 .....            | 1     |
| Music 201 .....            | 3     |
| Music 211 .....            | 2     |
| Music 242 .....            | 1     |
| Music 261 .....            | 3     |
| Music 301 .....            | 1     |
| Music 312* .....           | 1     |
| Performance Ensemble ..... | 0.5   |

| LEVEL III: COURSES           | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 202 .....              | 3     |
| Music 212 .....              | 2     |
| Music 243 .....              | 1     |
| Music 302 .....              | 1     |
| Music 313* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music 137 or Law 33 .....    | 3     |

| LEVEL IV: COURSES   | UNITS |
|---------------------|-------|
| Music 152 .....     | 1     |
| Music 230 .....     | 3     |
| Music 231 .....     | 3     |
| Music 244 .....     | 1     |
| Music 251 .....     | 0.5   |
| Music 361 .....     | 2     |
| English 28*** ..... | 3     |

Total Units ..... 51

- \* Or more advanced piano level determined by fulfillment of prerequisite or departmental audition.
- \*\* Select from 351, 501, 511, 521, 531, 561, 705, 711, 725, 731, 751, 765, 771, 765, 771, 775, 781.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
MUSIC TECHNOLOGY  
Skill Certificates**

| LEVEL I: COURSES             | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 161 .....              | 3     |
| Music 200 .....              | 4     |
| Music 241 .....              | 1     |
| Music 300 .....              | 1     |
| Music 311* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Elective .....         | 1     |

| LEVEL II: COURSES            | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 201 .....              | 3     |
| Music 211 .....              | 2     |
| Music 261 .....              | 3     |
| Music 301 .....              | 1     |
| Music 312* .....             | 1     |
| Performance Ensemble** ..... | 0.5   |
| Music Elective .....         | 1     |

| LEVEL III: COURSES           | UNITS |
|------------------------------|-------|
| Music 152 .....              | 1     |
| Music 202 .....              | 3     |
| Music 212 .....              | 2     |
| Music 291 .....              | 2     |
| Music 302 .....              | 1     |
| Performance Ensemble** ..... | 0.5   |
| English 28*** .....          | 3     |

| LEVEL IV: COURSES            | UNITS |
|------------------------------|-------|
| Music 230 or Music 231 ..... | 3     |
| Music 251 .....              | 0.5   |
| Music 281 .....              | 3     |
| Music 292 .....              | 2     |
| Performance Ensemble** ..... | 0.5   |
| Music Elective .....         | 1     |
| Music 137 or Law 33 .....    | 3     |

Total Units ..... 50.5

- \* Or more advanced piano level determined by fulfillment of prerequisite or departmental audition.
- \*\* Select from 351, 501, 511, 521, 531, 561, 705, 711, 725, 731, 751, 765, 771, 765, 771, 775, 781.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
ORCHESTRATOR/ARRANGER  
Certificate**

| LEVEL I: COURSES                       | UNITS |
|----------------------------------------|-------|
| Music 152 .....                        | 1     |
| Music 200 .....                        | 4     |
| Music 241 .....                        | 1     |
| Music 300 .....                        | 1     |
| Music 311* .....                       | 1     |
| Performance Ensemble** .....           | 0.5   |
| Instrumental Instruction .....         | 2     |
| (Select from Music 601, 611, 621, 631) |       |
| Music Electives .....                  | 2     |

| LEVEL II: COURSES                      | UNITS |
|----------------------------------------|-------|
| Music 152 .....                        | 1     |
| Music 161 .....                        | 3     |
| Music 201 .....                        | 3     |
| Music 211 .....                        | 2     |
| Music 301 .....                        | 1     |
| Music 312* .....                       | 1     |
| Instrumental Instruction .....         | 2     |
| (Select from Music 601, 611, 621, 631) |       |
| Performance Ensemble** .....           | 0.5   |

| LEVEL III: COURSES                     | UNITS |
|----------------------------------------|-------|
| Music 152 .....                        | 1     |
| Music 202 .....                        | 3     |
| Music 212 .....                        | 2     |
| Music 302 .....                        | 1     |
| Music 313* .....                       | 1     |
| Instrumental Instruction .....         | 2     |
| (Select from Music 601, 611, 621, 631) |       |
| Performance Ensemble** .....           | 0.5   |
| Music 137 or Law 33 .....              | 3     |

| LEVEL IV: COURSES                      | UNITS |
|----------------------------------------|-------|
| Music 152 .....                        | 1     |
| Music 230 .....                        | 3     |
| Music 231 .....                        | 3     |
| Music 251 .....                        | 0.5   |
| Instrumental Instruction .....         | 2     |
| (Select from Music 601, 611, 621, 631) |       |
| Performance Ensemble** .....           | 0.5   |
| English 28*** .....                    | 3     |

Total Units ..... 52.5

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Select from 501, 711, 725, 731, 751, 765, 771, 775, 781.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COMMERCIAL MUSIC:  
VOCAL PERFORMER  
Certificate**

| LEVEL I: COURSES                  | UNITS |
|-----------------------------------|-------|
| Music 152 .....                   | 1     |
| Music 200 .....                   | 4     |
| Music 241 .....                   | 1     |
| Music 300 .....                   | 1     |
| Music 311* .....                  | 1     |
| Music 400** .....                 | 1     |
| Performance Ensemble .....        | 0.5   |
| (Select from Music 501, 531, 561) |       |
| Music Electives .....             | 3     |

| LEVEL II: COURSES                 | UNITS |
|-----------------------------------|-------|
| Music 152 .....                   | 1     |
| Music 161 .....                   | 3     |
| Music 201 .....                   | 3     |
| Music 211 .....                   | 2     |
| Music 301 .....                   | 1     |
| Music 312* .....                  | 1     |
| Music 431** .....                 | 1     |
| Performance Ensemble .....        | 0.5   |
| (Select from Music 501, 531, 561) |       |

| LEVEL III: COURSES                | UNITS |
|-----------------------------------|-------|
| Music 152 .....                   | 1     |
| Music 202 .....                   | 3     |
| Music 212 .....                   | 2     |
| Music 302 .....                   | 1     |
| Music 313* .....                  | 1     |
| Music 432** .....                 | 1     |
| Performance Ensemble .....        | 0.5   |
| (Select from Music 501, 531, 561) |       |
| Music 137 or Law 33 .....         | 3     |

| LEVEL IV: COURSES                 | UNITS |
|-----------------------------------|-------|
| Music 152 .....                   | 1     |
| Music 230 .....                   | 3     |
| Music 251 .....                   | 0.5   |
| Music 433 .....                   | 1     |
| Performance Ensemble .....        | 0.5   |
| (Select from Music 501, 531, 561) |       |
| Music Electives .....             | 3     |
| English 28*** .....               | 3     |

Total Units ..... 49.5

- \* Or more advanced piano level determined by fulfillment of prerequisite or by departmental audition.
- \*\* Or more advanced voice level determined by fulfillment of prerequisite or by departmental audition.
- \*\*\* If English 28/31 requirement is met by a higher placement determined by the College Assessment, the English requirement is fulfilled; therefore, in place of English, you must take 3 units of Music.

**COURSE DESCRIPTIONS**

**AUDITIONS TO MEET THE PREREQUISITE**

Students enrolling in music classes with a performance level prerequisite who have not taken the prerequisite may audition as directed by the instructor at the first meeting of the class to confirm a performance level equal to that of the prerequisite.

**AUDITIONS FOR MUSIC ENSEMBLE**

Students enrolling in Music Ensemble classes where the description indicated a need for an audition will audition as directed by the instructor at the first class meeting.

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

Students enrolling in music classes with a performance level prerequisite who have not taken the prerequisite may audition as directed by the instructor at the first meeting of the class to confirm a performance level equal to that of the prerequisite.

**MUSIC 101****Fundamentals of Music****3 UNITS - (UC:CSU)**

(For the non Music major.) A study of the fundamentals of music including notation, major and minor key signatures and scales, intervals, time signatures and rhythms, and triads. Some sight reading and ear training is included. Satisfies Humanities requirement.

**MUSIC 111****Music Appreciation I****3 UNITS - (UC:CSU)**

Required of all Music majors. Open to all students.

Course offers a broad survey of musical masterpieces from the Middle Ages up to and including the 20th Century, with emphasis on perceptive listening.

**MUSIC 111H****Music Appreciation I Honors****3 UNITS - (UC:CSU)**

Prerequisite: Honors Transfer Program standing.

Course offers a broad survey of musical masterpieces from the Middle Ages up to and including the Twentieth Century with emphasis on perceptive listening. Fulfills Humanities requirement for graduation.

**MUSIC 120****Music Technology Practice Lab****0.5 UNITS - (RPT3)**

Co-requisite: Either Music 161, 245, 246, 247, 261, 281, 291, 292, 293 or 294.

This course allows students currently enrolled in any of the co-requisite music technology classes to use the lab equipment and materials to enhanced applicable skills necessary for success.

**MUSIC 121****Music History and Literature I****3 UNITS - (UC:CSU)**

Advisory: Music 111 and Music 202.

A survey of music history and literature from earliest times to 1750, including music of the ancient Greeks, early Christians, Middle Ages, Renaissance and Baroque periods, through music of Bach and Handel.

**MUSIC 122****Music History and Literature II****3 UNITS - (UC:CSU)**

Advisory: Music 111 and Music 202.

This course is a survey of music history and music literature from 1750 to the present time, including music of the Pre-Classic, Classic, and Romantic periods, as well as Contemporary 20th Century music.

**MUSIC 130****Music for Early Childhood Education****3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

This course is a survey of music, teaching techniques, and materials suitable for children ages two through five, including the development of music reading and performance skills for singing and playing classroom instruments and the principles for organizing an early childhood music curriculum.

**MUSIC 133****Introduction to Asian Music****3 UNITS - (UC:CSU)**

Course consists of a survey of music of Asian countries and cultures from the earliest period to the present and its influence on Western culture. Audio and visual materials and demonstrations of musical instruments will be presented. (Credit allowed for only one of Music 133 and Asian-American Studies 6.)

**MUSIC 135****African-American Music****3 UNITS - (UC:CSU)**

A study of African and African American music and their influences on folk, spirituals, gospels, concert music, opera, ballet, blues and jazz underscoring styles, characteristics, origin and contributions by African-American artists. (Credit allowed for only one of Music 135 and African-American Studies 60.)

**MUSIC 137****Music as a Business****3 UNITS - (A)**

A study of the music industry. Its business structure and requirements in terms of skills and knowledge in over 100 careers will be examined. Future industry changes and developments will also be discussed.

**MUSIC 138****City of Angels - Music****3 UNITS - (UC:CSU)**

Advisory: Eligibility to enroll in English 28/31 or equivalent.

This course explores different multicultural musical styles prominent in American culture as found in Los Angeles, concert music, jazz, musical Theatre and popular music are discussed. Critical listening skills and the understanding of music from historical and social perspectives will be emphasized. (Some required class activities will take place outside the scheduled class time.)

**MUSIC 140****Advanced Practice Lab-Music Technology****0.5 UNITS**

Prerequisite: Music 120 or equivalent.

This course allows more advanced students, who are enrolled in any of the co-requisite courses of Music 120: Music Technology Practice Lab, to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 141****Jazz Appreciation****3 UNITS - (UC:CSU)**

A study of jazz from its African-American origins to the present day.

Emphasis is placed on the music and personalities of those artists who made original contributions and whose work influenced that of other important jazz figures and styles.

**MUSIC 146****Music History for Elementary School Teachers****3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

This course will introduce the basic principles of music and creative uses of music for teachers working in school-age programs. It will present various applications for the introduction of music into the elementary school classroom and after school programs.

**MUSIC 147****Multicultural Music Materials for Early Childhood Education****3 UNITS – (CSU)**

Prerequisite: Music 130 and Child Development 3 with satisfactory grades or better or equivalent.

This course provides an introduction to the basic concepts of multicultural education as applied to early childhood music education with a focus on varied musical arts of worldwide cultures reflected in the North American society and the development of age-appropriate teaching strategies, materials and resources.

**MUSIC 150****Practice Lab - Early Childhood Music**  
**0.5 UNITS - (RPT3)**

Co-requisite: Music 130, 146 or 147.

This course allows students currently enrolled in any of the co-requisite early childhood music classes to use the lab equipment and materials to enhance skills necessary for success.

**MUSIC 152****Current Musical Events**  
**1 UNIT - (RPT 3) (CSU)**

This course increases students' musical experiences by providing live performances of a wide variety, including guest artists, chamber groups, outstanding students, faculty, departmental organizations, and appropriate lectures and demonstrations.

**MUSIC 161****Introduction to Electronic Music**  
**3 UNITS – (CSU)**

This course is a workshop in electro-acoustic, MIDI, and computer-assisted music techniques. Emphasis will be in the areas of analog synthesis, digital synthesis, FM synthesis, MIDI applications, computer-assisted sequencing, and digital multi-track recording techniques.

**MUSIC 180****Applied Music Laboratory**  
**0.5 UNITS – (RPT 3) (A)**

Co-requisite: Either Music 181, 182, 183 or 184.

This course allows students enrolled in Applied Music to practice a minimum of five hours per week in departmental practice facilities.

**MUSIC 181****Applied Music I**  
**0.5 UNITS – (UC:CSU)**

Co-requisite: Music 180.

Individual instruction in voice or a musical instrument for transfer-oriented music majors as determined by the Music Department. (Confirmation of enrollment subject to audition. - See Auditions box.)

**MUSIC 182****Applied Music II**  
**0.5 UNITS – (UC:CSU)**

Prerequisite: Music 181 with a satisfactory grade or equivalent.

Co-requisite: Music 180.

Individual instruction in voice or a musical instrument for transfer-oriented music majors as determined by the Music Department. (Confirmation of enrollment subject to audition. - See Auditions box.)

**MUSIC 183****Applied Music III**  
**0.5 UNITS – (UC:CSU)**

Prerequisite: Music 182 with a satisfactory grade or equivalent.

Co-requisite: Music 180.

Individual instruction in voice or a musical instrument for transfer-oriented music majors as determined by the Music Department. (Confirmation of enrollment subject to audition. - See Auditions box.)

**MUSIC 184****Applied Music IV**  
**0.5 UNITS – (UC:CSU)**

Prerequisite: Music 183 with a satisfactory grade or equivalent.

Co-requisite: Music 180.

Individual instruction in voice or a musical instrument for transfer-oriented music majors as determined by the Music Department. (Confirmation of enrollment subject to audition. - See Auditions box.)

**MUSIC 185 (see end of this section)****MUSIC 200****Introduction to Music Theory**  
**4 UNITS - (UC:CSU)**

Intensive study of the basic elements of music notation, music reading, sight singing, and ear training. May also be used as the introductory course in the Music Major Core Program.

**MUSIC 201****Harmony I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 200 with a satisfactory grade or equivalent.

Study of diatonic harmony including primary and secondary triads, the dominant seventh chord and their inversions. Also includes harmonizing figured and unfigured bass, simple melodies, and the writing of original phrases.

**MUSIC 202****Harmony II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 201 with a satisfactory grade or equivalent.

Study of Chromatic harmony including secondary dominants and secondary diminished sevenths, secondary seventh chords, sequences, simple modulations, and the writing of short original compositions.

**MUSIC 203****Harmony III**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 202 with a satisfactory grade or equivalent.

Study of advanced Chromatic harmony and analysis. Students demonstrate skill required by harmonizing figured and unfigured bass melodies and writing short original compositions.

**MUSIC 211****Musicianship I**  
**2 UNITS - (UC:CSU)**

Prerequisite: Music 200 with a satisfactory grade or equivalent.

Co-requisite: Music 201.

This course is correlated with Music 201: Harmony I and includes simple diatonic melodies, two-part play-and-sing drills, and simple melodic, harmonic, and rhythmic dictation.

**MUSIC 212**  
**Musicianship II**  
**2 UNITS - (UC:CSU)**

Prerequisite: Music 211 with a satisfactory grade or equivalent.  
Co-requisite: Music 202.

This course is correlated with Music 202: Harmony II, consisting of reading intermediate level tonal and modal melodies, melodic, harmonic, and rhythmic dictation. Sight singing and ear training are stressed.

**MUSIC 213**  
**Musicianship III**  
**2 UNITS - (UC:CSU)**

Prerequisite: Music 212 with a satisfactory grade or equivalent.  
Co-requisite: Music 203.

This course, correlated with Music 203: Harmony III, includes advanced chromatic melody, harmony, and rhythm, using sight singing, ear training, and dictation.

**MUSIC 220**  
**Music Theory and Listening Lab**  
**0.5 UNITS - (RPT 3)**

Co-requisite: Music 101, 111, 111H, 133, 135, 141, 152, 200, 201, 202, 203, 211, 212, 213, 230, 231, 232, 241, 242, 243, 244, 300, 301, 302, 303 or African American Studies 60.

This course allows students currently enrolled in any of the co-requisite music theory or listening classes to use the lab equipment and materials to enhance applicable skills necessary for success.

**MUSIC 221**  
**Counterpoint I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 202 with a satisfactory grade or equivalent.  
This course provides training in the writing of two- and three-voice contrapuntal compositions in the Baroque style. The Two- and Three-part Inventions, keyboard suites and fugues of J.S. Bach, in addition to works of some of his contemporaries, are analyzed.

**MUSIC 223**  
**Twentieth Century Compositional Techniques**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 202 with a satisfactory grade or equivalent.  
This course provides training in the study of the melodic, harmonic, and rhythmic techniques of the Twentieth Century. The students will compose short pieces using the covered techniques.

**MUSIC 230**  
**Jazz and Commercial Harmony**  
**3 UNITS - (CSU)**

Prerequisite: Music 202 and 212 with a satisfactory grade or equivalent.  
The subject matter of this course includes the study of the chords and chord progressions used in jazz and popular music styles.

**MUSIC 231**  
**Orchestration and Arranging I**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 202 with a satisfactory grade or equivalent.  
Advisory: Music 241.  
This course offers training in beginning orchestration and arranging. Writing for the various instrumental groups of the symphony orchestra and the jazz band is covered. One classical and one jazz band arrangement will be completed.

**MUSIC 232**  
**Orchestration and Arranging II**  
**3 UNITS - (UC:CSU)**

Prerequisite: Music 231 with a satisfactory grade or equivalent.  
This course offers training in advanced orchestration and arranging. Covers advanced writing for various instrumental groups of the symphony orchestra and jazz band. One Romantic era or 20th Century orchestration and one advanced jazz band arrangement will be completed.

**MUSIC 240**  
**Advanced Practice Lab-Music Theory and Listening**  
**0.5 UNITS- (RPT 3)**

Prerequisite: Music 220 or equivalent.  
This course allows more advanced students, who are enrolled in any of the co-requisite Music 220: Music Theory and Listening courses, to continue to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 241**  
**Music Notation and Copying I**  
**1 UNIT - (CSU)**

This course provides instruction and practical experience in the techniques and materials required for music preparation. This course does not deal with music composition, but only with how to copy existing music in a professional manner.

**MUSIC 242**  
**Music Notation and Copying II**  
**1 UNIT - (CSU)**

Prerequisite: Music 241 with a satisfactory grade or equivalent.  
This course provides continued instruction in the development of basic techniques of music notation, drawing of notes, rests, symbols and characters used in music manuscript.

**MUSIC 243**  
**Music Notation and Copying III**  
**1 UNIT - (CSU)**

Prerequisite: Music 242 with a satisfactory grade or equivalent.  
This course provides advanced instruction and practical experience in the techniques of music notation as they apply to music manuscript including rhythm section notation and the construction of multiple layer chord parts.

**MUSIC 244**  
**Music Notation and Copying IV**  
**1 UNIT - (CSU)**

Prerequisite: Music 243 with a satisfactory grade or equivalent.  
This course provides advanced instruction and practical experience in the techniques of music notation as they apply to music manuscript including transposition for all instruments.

**MUSIC 245**  
**Music Notation and Copying:**  
**Using Computer Software I**  
**1 UNIT - (CSU)**

Prerequisite: Music 101 or 200 and 241 with satisfactory grades or equivalent.  
Advisory: Music 242.  
The goal of this course is to familiarize the student with how to use computer software to notate and copy basic level music scores.

## **MUSIC 246**

### **Music Notation and Copying: Using Computer Software II 1 UNIT**

Prerequisite: Music 245 with a satisfactory grade or equivalent

The goal of this course is to familiarize the student with how to use computer software to notate and copy intermediate level music scores. The student will create professional looking music scores and parts and learn to use MIDI for playback and recording.

## **MUSIC 247**

### **Music Notation and Copying: Using Computer Software III 1 UNIT**

Prerequisite: Music 246 with a satisfactory grade or equivalent

The goal of this course is to familiarize the student with how to use computer software to notate and copy advanced level music scores. The student will create professional looking music scores and parts and learn to use MIDI for playback and recording.

## **MUSIC 250**

### **Music Performance Workshop 0.5 UNITS - (RPT 3) (CSU)**

This course includes the preparation, rehearsal and performance of selected musical works. Illustration and discussion of various concepts of musical performance are emphasized. (Confirmation of enrollment is subject to audition. See Auditions box.)

## **MUSIC 251**

### **Jazz Improvisation Workshop 0.5 UNITS - (RPT 3) (UC:CSU)**

Prerequisite: Music 202 with a satisfactory grade or equivalent.

This course provides training in improvisation and performance of the standard repertoire in combo setting. For intermediate and advanced players. (Confirmation of enrollment is subject to audition. See Auditions box.)

## **MUSIC 252**

### **Jazz Structure 3 UNITS - (UC:CSU)**

Prerequisite: Music 202 with a satisfactory grade or equivalent.

The subject matter of this course includes the study of chords and chord progressions as they relate to musical forms and structures employed in jazz performance. Improvisation, arranging for jazz combo, analysis, aural recognition and composition are included.

## **MUSIC 261**

### **Electronic Music Workshop 3 UNITS - (RPT 2) (CSU)**

Prerequisite: Music 161 and Music 101 with a satisfactory grade or equivalent.

This course is a workshop in advanced electro-acoustic, MIDI event and audio editing, as well as digital audio data management and synchronization.

## **MUSIC 281**

### **Commercial Music Techniques I 3 UNITS - (CSU)**

Prerequisite: Music 161 and Music 201 with a satisfactory grade or equivalent.

This is the first in a sequence of courses offering opportunity to develop the

techniques of music for commercial applications. Skills in the preparation of music for compact disc production, multimedia applications, audio production techniques, songwriting and stage performance will be emphasized.

## **MUSIC 282**

### **Commercial Music Techniques II 3 UNITS - (CSU)**

Prerequisite: Music 281 with a satisfactory grade or equivalent.

This is the second in a sequence of courses offering opportunity to develop the techniques of music for commercial applications. More advanced skills in the preparation of music for compact disc production, multimedia applications, audio production techniques, songwriting and stage performance will be emphasized.

## **MUSIC 285 (see end of this section)**

## **MUSIC 291**

### **MIDI Instrument Instruction I 2 UNITS - (CSU)**

Prerequisite: Music 161 with a satisfactory grade or equivalent.

Advisory: Music 261.

This is a first in a sequence of courses offering the opportunity to develop functional skills with synthesizers, digital keyboards, sequences, drum machines, reverb units, disk drives, and other MIDI (Musical Instrument Digital Interface) equipment.

## **MUSIC 292**

### **MIDI Instrument Instruction II 2 UNITS - (CSU)**

Prerequisite: Music 291 with a satisfactory grade or equivalent.

This course is a continuation of the material covered in Music 291 with emphasis on sound cards, controllers, MIDI systems, and system exclusive messages.

## **MUSIC 293**

### **MIDI Instrument Instruction III 2 UNITS - (CSU)**

Prerequisite: Music 292 with a satisfactory grade or equivalent.

This course is a continuation of the material covered in Music 292 with emphasis on advanced techniques in MIDI data, channel-voice messages, MIDI automation, and non-registered parameters.

## **MUSIC 294**

### **MIDI Instrument Instruction IV 2 UNITS - (CSU)**

Prerequisite: Music 293 with a satisfactory grade or equivalent.

This course is a continuing study of the material covered in Music 293 with emphasis on advanced techniques in MIDI synchronization, digital audio files and their use.

## **MUSIC 299**

### **Music Honors 1 UNIT - (RPT 3) (CSU)**

This course provides the serious music student an opportunity for concentrated study under the direct supervision of an instructor in selected areas through a series of projects designed to increase knowledge of musical aspects pertinent to the student's interests and talents.

**MUSIC 300****Introduction to Keyboard Harmony****1 UNIT - (UC:CSU)**

Co-requisite: Music 200.

This course consists of the study of music fundamentals, correlated with Music 200, applied to the piano.

**MUSIC 301****Keyboard Harmony I****1 UNIT - (UC:CSU)**

Prerequisite: Music 300 with a satisfactory grade or equivalent.

Co-requisite: Music 201.

The study of Diatonic harmony applied to the piano. Correlated with Music 201.

**MUSIC 302****Keyboard Harmony II****1 UNIT - (UC:CSU)**

Prerequisite: Music 301 with a satisfactory grade or equivalent.

Co-requisite: Music 202.

The study of Diatonic and simple Chromatic harmony applied to the piano.

Correlated with Music 202.

**MUSIC 303****Keyboard Harmony III****1 UNIT - (UC:CSU)**

Prerequisite: Music 302 with a satisfactory grade or equivalent.

Co-requisite: Music 203.

The study of advanced Chromatic harmony applied to the piano keyboard.

Correlated with Music 203.

**MUSIC 311****Piano I****1 UNIT - (UC:CSU)**

Open to all students.

This course consists of instruction in basic piano skills with emphasis on learning to read music, play finger-patterns, scales, chords, and beginning pieces. Students are required to furnish their own headphones.

**MUSIC 312****Piano II****1 UNIT - (UC:CSU)**

Prerequisite: Music 311 with a satisfactory grade or equivalent.

Continuing instruction in basic piano skills emphasizing note reading, simple major and minor scales, triads, chord progressions, repertoire and memorization. Students are required to provide their own headphones. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 313****Piano III****1 UNIT - (UC:CSU)**

Prerequisite: Music 312 with a satisfactory grade or equivalent.

Continued instruction in developing piano skills with increasing emphasis on note reading, major and minor scale techniques, cadences, triads, repertoire from major historical periods, memorization. Students are required to provide their own headphones. (If prerequisite is not met, enrollment subject to audition. See Auditions box.)

**MUSIC 314****Piano IV****1 UNIT - (UC:CSU)**

Prerequisite: Music 313 with a satisfactory grade or equivalent.

Instruction in piano skills emphasizing major and minor scales, major and minor arpeggios, repertoire from the Baroque, Romantic, and 20th century, memorization and sight reading skills. Students are required to provide their own headphones. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 320****Music Organ Practice Lab****0.5 UNITS - (RPT 3)**

Co-requisite: Either Music 381, 382, 383, or 384.

This course allows students currently enrolled in any of the co-requisite organ classes to use the lab equipment and materials to enhance applicable skills necessary for success.

**MUSIC 340****Advanced Practice Lab-Organ****0.5 UNITS (RPT 3)**

Prerequisite: Music 320 or equivalent.

This course allows more advanced students, who are enrolled in any of the co-requisite courses of Music 320: Organ Practice Lab, to use the lab equipment and materials to further enhance applicable skills at an advanced level necessary for success.

**MUSIC 341****Intermediate Piano****2 UNITS - (RPT 3) (UC:CSU)**

Prerequisite: Music 314 with a satisfactory grade or equivalent.

The study and performance of concert piano literature from the Baroque, Classical, and Romantic periods and the 20th century. May include public performance. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 351****Piano Ensemble****1 UNIT - (RPT 3) (UC:CSU)**

This course consists of the reading, study, and performance of standard piano ensemble repertoire with special emphasis on performance in recital of major ensemble works. (Confirmation of enrollment is subject to audition. See Auditions box.)

**MUSIC 361****Commercial Piano Techniques Workshop****2 UNITS - (RPT 3) (CSU)**

Prerequisite: Music 201 and 313 with a satisfactory grade or equivalent.

This course provides the student with basic jazz piano playing skills including voicings of 9th, 11th, and 13th chords applied to arranging lead sheets for piano. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 381****Elementary Organ I****1 UNIT - (UC:CSU)**

Prerequisite: Music 312 with a satisfactory grade or equivalent.

This course includes instruction in keyboard and pedal technique, as well as in registration and interpretation of standard organ literature. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 382**  
**Elementary Organ II**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 381 with a satisfactory grade or equivalent.  
This course continues the study of keyboard and pedal technique, as well as in registration and interpretation of standard organ literature. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 383**  
**Elementary Organ III**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 382 with a satisfactory grade or equivalent.  
This course pursues the study of the more advanced organ techniques as they apply to the keyboard, pedals and registration. Standard organ literature is studied. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 384**  
**Elementary Organ IV**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 383 with a satisfactory grade or equivalent.  
This course pursues the study of the more advanced techniques as they apply to the keyboard, pedals and registration. Standard organ literature is studied. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 385 (see end of this section)**

**MUSIC 391**  
**Harpsichord I**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 312 with a satisfactory grade or equivalent.  
This course includes the study of representative solo and ensemble literature for harpsichord with particular attention to harpsichord techniques of the 17th and 18th centuries. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 392**  
**Harpsichord II**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 391 with a satisfactory grade or equivalent.  
This course continues the study of representative solo and ensemble literature for harpsichord with particular attention to harpsichord techniques of the 17th and 18th centuries. (If prerequisite is not met, verification of enrollment is subject to audition. See Auditions box.)

**MUSIC 400**  
**Voice Fundamentals**  
**1 UNIT - (UC:CSU)**

This course concentrates on general, basic fundamentals of singing, using vocal exercises and simple songs. Emphasis is placed on developing an understanding of the singing voice, the body as a musical instrument, and the vocal potential of each student.

**MUSIC 401**  
**Classical Voice I**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 400 with a satisfactory grade or equivalent.  
A continued concentration of general, basic fundamentals of singing using

vocal exercises and simple arias and art songs in Italian. Italian pronunciation and vocal style will be studied. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 402**  
**Classical Voice II**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 401 with a satisfactory grade or equivalent.  
A continued concentration of general, basic fundamentals of singing using vocal exercises and simple arias and art songs in German. German pronunciation and vocal style will be studied. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 403**  
**Classical Voice III**  
**1 UNIT - (UC:CSU)**

Prerequisite: Music 402 with a satisfactory grade or equivalent.  
A continued concentration of general, basic fundamentals of singing using vocal exercises and simple arias and art songs in French. French pronunciation and vocal style will be studied. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 420**  
**Music Voice Practice Lab**  
**0 UNITS - (RPT 3)**

Co-requisite: Either Music 400, 401, 402, 403, 431, 432, 433, or 453.  
This course allows students currently enrolled in any of the co-requisite voice classes to use the lab equipment and materials to enhance applicable skills necessary for success.

**MUSIC 431**  
**Commercial Voice I**  
**1 UNIT - (CSU)**

Prerequisite: Music 400 with a satisfactory grade or equivalent.  
A continued concentration of general basic fundamentals of singing using vocal exercises and songs selected from the commercial song literature. Course includes coaching sessions with class accompanist. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 432**  
**Commercial Voice II**  
**1 UNIT - (CSU)**

Prerequisite: Music 431 with a satisfactory grade or equivalent.  
A concentrated study of the singing voice using more difficult vocal exercises and songs from the many areas of commercial vocal music. Stylistic interpretation and performance practices will be emphasized. Course includes coaching sessions with class accompanist. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 433**  
**Commercial Voice III**  
**1 UNIT - (CSU)**

Prerequisite: Music 432 with a satisfactory grade or equivalent.  
For the more advanced singer. A concentrated study through performance of the stylistic interpretations and performance practices of the many areas of commercial vocal music. Course includes coaching sessions with class accompanist. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 450**  
**Advanced Practice Lab**  
**0.5 UNITS - (RPT 3)**

Prerequisite: Music 420 or equivalent.

This course allows more advanced students, who are enrolled in any of the co-requisite courses of Music 420: Voice Practice Lab, to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 453**  
**Musical Theater Repertoire For Singers**  
**0.5 UNIT - (RPT3) (UC:CSU)**

Prerequisite: Either Music 401 or 431 with a satisfactory grade or equivalent.

A continued concentration of general basic fundamentals of singing concentrating on vocal techniques as utilized in Musical Theater. Additional instruction will include basic body movement, acting techniques and Musical Theater song literature interpretation. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 501**  
**College Choir**  
**0.5 UNIT - (RPT 3) (UC:CSU)**

This course consists of the study and performance of selected choral literature for mixed voices. Emphasis is on increased skill in music reading, development of basic voice and ensemble techniques, and improving musicianship.

**MUSIC 511**  
**Collegiate Choir**  
**0.5 UNIT - (RPT 3) (UC:CSU)**

This course includes the learning, understanding, and performing a cappella and accompanied SATB choral music selected from the 16th through the 20th century traditional choral music in English and other languages, sacred and secular, commercial, and contemporary styles and periods. Public performance required. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 520**  
**Music Piano Practice Lab**  
**0.5 UNITS - (RPT 3)**

Co-requisite: Either Music 181, 182, 183, 184, 185, 250, 299, 311, 312, 313, 314, 341, or 361.

This course allows students currently enrolled in any of the co-requisite piano or related classes to use the lab equipment and materials to enhance applicable skills necessary for success.

**MUSIC 521**  
**Concert Choir**  
**0.5 UNIT - (RPT 3) (UC:CSU)**

This course consists of analyzing, rehearsing, and performing choral literature for the large choir. Materials range from the Renaissance to Contemporary. Some emphasis is placed on training for professional choral work. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 531**  
**Philharmonic Choir**  
**0.5 UNIT - (RPT 3) (UC:CSU)**

This course deals with learning, understanding and performing a cappella and accompanied SATB choral music from many styles and periods in English

and other languages. Major choral works may be included. Public performance is required. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 540**  
**Advanced Practice Lab – Piano**  
**0.5 UNITS - (RPT 3)**

Prerequisite: Music 520 with a satisfactory grade or equivalent.

This course allows more advanced students, who are enrolled in any of the co-requisite courses of Music 520 to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 561**  
**Chamber Chorale**  
**0.5 UNIT - (RPT 3) (UC:CSU)**

This course deals with analyzing, rehearsing, and performing choral music suited to a small group of singers, with and without accompaniment.

Emphasis is on increased skill in music reading and interpreting the musical score, and on professional attitudes toward public performance. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 601**  
**Brass Instrument Instruction I**  
**2 UNITS - (UC:CSU)**

Open to all students. This course consists of basic instruction on the brass instruments: trumpet, French horn, trombone, and tuba. Some instruments are available.

**MUSIC 602**  
**Brass Instrument Instruction II**  
**2 UNITS - (UC:CSU)**

Prerequisite: Music 601 with a satisfactory grade or equivalent.

This course is a continuation of Music 601 with emphasis on the development of embouchure, range, endurance, and music reading skills. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 603**  
**Brass Instrument Instruction III**  
**2 UNITS - (UC:CSU)**

Prerequisite: Music 602 with a satisfactory grade or equivalent.

Continuation of Music 602 with increased emphasis in all areas covered. Primary emphasis is on interpretation of more complex rhythmic notation and performance skills. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 604**  
**Brass Instrument Instruction IV**  
**2 UNITS - (UC:CSU)**

Prerequisite: Music 603 with a satisfactory grade or equivalent.

Continuation of Music 603 with increased emphasis in all areas covered. Primary emphasis is on interpretation of solo and small ensemble literature. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 611**  
**String Instrument Instruction I**  
**2 UNITS - (UC:CSU)**

Open to all students. This course consists of basic instruction on the string instruments: violin, viola, cello, and bass. Some instruments are available.

**MUSIC 612****String Instrument Instruction II****2 UNITS - (UC:CSU)**

Prerequisite: Music 611 with a satisfactory grade or equivalent.

This course is a continuation of Music 611, with increased emphasis in all areas covered. Primary emphasis is on development of bow and fingering techniques and music reading skills. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 613****String Instrument Instruction III****2 UNITS - (UC:CSU)**

Prerequisite: Music 612 with a satisfactory grade or equivalent.

This course is a continuation of Music 612, with increased emphasis in all areas covered with primary emphasis on fingering technique in third position and music reading skills. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 614****String Instrument Instruction IV****2 UNITS - (UC:CSU)**

Prerequisite: Music 613 with a satisfactory grade or equivalent.

Continuation of Music 613 with increased emphasis in all areas covered. Primary emphasis is on interpretation of advanced solo and small ensemble literature. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 620****Instrumental Practice Lab****0.5 UNITS - (RPT 3)**

Co-requisite: Either Music 601, 602, 603, 604, 611, 612, 613, 614, 621, 622, 623, 624, 650, 651, 652, 653, 654, or 670.

This course allows students currently enrolled in any of the co-requisite instrumental classes to use the lab equipment and materials to enhance applicable skills necessary for success.

**MUSIC 621****Woodwind Instrument Instruction I****2 UNITS - (UC:CSU)**

Open to all students. This course consists of basic instruction on the woodwind instruments: flute, clarinet, and saxophone. Some instruments are available.

**MUSIC 622****Woodwind Instrument Instruction II****2 UNITS - (UC:CSU)**

Prerequisite: Music 621 with a satisfactory grade or equivalent.

Continuation of Music 621, with increased emphasis in all areas covered. Primary emphasis is on embouchure development, range, endurance, and music reading skills. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 623****Woodwind Instrument Instruction III****2 UNITS - (UC:CSU)**

Prerequisite: Music 622 with a satisfactory grade or equivalent.

Continuation of Music 622, with increased emphasis in all areas covered. Primary emphasis is on interpretation of more complex rhythmic notation and performance skills. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 624****Woodwind Instrument Instruction IV****2 UNITS - (UC:CSU)**

Prerequisite: Music 623 with a satisfactory grade or equivalent.

This course is a continuation of Music 623, with increased emphasis in all areas covered. Primary emphasis is on interpretation of advanced solo and small ensemble literature. (If prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 631****Percussion Instrument Instruction I****2 UNITS - (UC:CSU)**

Reading of all basic rhythms, rudiments, beginning notation, and meter signatures as they apply to the snare drum.

**MUSIC 632****Percussion Instrument Instruction II****2 UNITS - (UC:CSU)**

Prerequisite: Music 631 with a satisfactory grade or equivalent.

This course is a continuation of Music 631. Reading of all basic rhythms, rudiments, beginning notation, and meter signatures in the playing of various percussion instruments. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 633****Percussion Instrument Instruction III****2 UNITS - (UC:CSU)**

Prerequisite: Music 632 with a satisfactory grade or equivalent.

This course is a continuation of Music 632. Intermediate instruction on percussion instruments. Develops skill in the reading of percussion notation and in the playing of various percussion instruments. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 634****Percussion Instrument Instruction IV****2 UNITS - (UC:CSU)**

Prerequisite: Music 633 with a satisfactory grade or equivalent.

This course is a continuation of Music 633. Intermediate instruction on percussion instruments. Develops skill in the reading of percussion notation and in the playing of various percussion instruments. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 640****Advanced Practice lab - Instrumental****0.5 UNITS - (RPT 3)**

Prerequisite: Music 630 or equivalent.

This course allows more advanced students, who are enrolled in any of the co-requisite courses of Music 620 to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 650****Beginning Guitar****2 UNITS - (UC:CSU)**

(Student must provide own guitar.)

Designed for students with no previous musical training. Topics covered include basic positioning of hands, music notation and reading, finger picking, and chord accompaniment.

**MUSIC 651****Classical Guitar I  
2 UNITS - (UC:CSU)**

Prerequisite: Music 650 with a satisfactory grade or equivalent.  
(Student must provide own guitar.)

For students who wish to continue beyond the beginning level. Topics covered include reinforcement of fundamental music reading, right and left hand playing techniques, and performance of elementary solo guitar compositions. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 652****Classical Guitar II  
2 UNITS - (UC:CSU)**

Prerequisite: Music 651 with a satisfactory grade or equivalent.  
(Student must provide own guitar.)

This course is for intermediate level students who want to progress further into more complex and technically demanding compositions. Greater playing skill is achieved through performance and evaluation of numerous exercises and solos. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 653****Classical Guitar III  
2 UNITS - (UC:CSU)**

Prerequisite: Music 652 with a satisfactory grade or equivalent.  
(Student must provide own guitar.)

Intermediate to advanced students probe deeper into analysis and performance practices of the classical guitarist. Compositions of greater harmonic and technical complexity are evaluated and performed. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 654****Classical Guitar IV  
2 UNITS - (UC:CSU)**

Prerequisite: Music 653 with a satisfactory grade or equivalent.  
(Student must provide own guitar.)

Advanced compositions incorporating the full range of classical guitar techniques are analyzed, prepared, and performed at this level. Musicianship and aesthetics of music are considered in depth. Ensembles of various sizes prepare and perform music from all eras. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 670****Fingerboard Harmony  
2 UNITS - (CSU)**

Prerequisite: Music 651 with a satisfactory grade or equivalent.  
(Student must provide own guitar.)

This course allows guitar students to further their understanding of fingerboard harmony. Primary concern is with the harmonic phase of guitar playing and guitar music. Emphasis is on chord construction, progressions, scales, and sight reading. (If the prerequisite is not met, enrollment is subject to audition. See Auditions box.)

**MUSIC 705****Chamber Music  
0.5 UNIT - (RPT 3) (UC:CSU)**

This course consists of the reading, study, and performance of standard chamber music repertoire with special emphasis on performance in recital of major chamber music works. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 711****Rehearsal Orchestra  
0.5 UNIT - (RPT 3) (UC:CSU)**

This course is designed for the player of intermediate ability and for those who wish to become more proficient on a secondary instrument. Intermediate orchestral literature is studied with emphasis on the development of the player's competence and ensemble skill. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 720****Music Ensemble Practice Lab  
0.5 UNITS - (RPT 3)**

Co-requisite: Either Music 251, 351, 501, 561, 705, 711, 725, 751, 765, 771, or 781.

This course allows students currently enrolled in any of the co-requisite music ensemble classes to use the lab equipment and materials to enhance applicable skills necessary for success.

**MUSIC 725****Community Orchestra  
0.5 UNIT - (RPT 3) (UC:CSU)**

This course consists of the reading, study and performance of standard orchestral repertoire with special emphasis on the performance of major orchestral works. Practical experience may also be offered to capable student conductors, soloists, composers and arrangers. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 731****Rehearsal Band  
0.5 UNIT - (RPT 3) (UC:CSU)**

This course is designed for the player of intermediate ability and for those who wish to become more proficient on a secondary instrument. Intermediate band literature is studied with emphasis on the development of the player's competence and ensemble skill. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 740****Advanced Practice Lab – Music Ensemble  
0.5 UNITS - (RPT 3)**

Prerequisite: Music 720 or equivalent.

This course allows more advanced students, who are enrolled in any of the co-requisite courses of Music 720, to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 751****Wind Ensemble  
0.5 UNIT - (RPT 3) (UC:CSU)**

This course consists of the study of standard band literature with the intent to develop an individual's technical and artistic abilities through experiences with a wide range of band literature. Public performances are presented. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 765****Percussion Ensemble  
0.5 UNIT - (RPT 3) (UC:CSU)**

The study and performance of standard percussion ensemble literature in the symphonic and commercial fields, emphasizing proper execution of musical styles, phrasing, balance and blending techniques, intonation, rehearsal and performance techniques. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 771****Guitar Ensemble****0.5 UNIT - (RPT 3) (UC:CSU)**

This course consists of the study and performance of standard guitar ensemble literature with emphasis on intonation, rhythmic togetherness, balance, style, and the requirements of effective ensemble playing. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 775****Jazz Ensemble****0.5 UNIT - (RPT 3) (UC:CSU)**

Provides training and experience in the various aspects of technique and interpretation as applied to Jazz Ensemble and Dance Band performance. It is designed for qualified players of intermediate to advanced ability who contemplate a professional career in performance. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 781****Studio Jazz Band****0.5 UNIT - (RPT 3) (UC:CSU)**

Provides training and experience in the various aspects of technique and interpretation as applied to jazz band performance. Includes public performance. For intermediate to advanced players. (Confirmation of enrollment subject to audition. See Auditions box.)

**MUSIC 820****Percussion Practice Lab****0.5 UNITS - (RPT 3)**

Co-requisite: Either Music 631, 632, 633, or 634.

This course allows students currently enrolled in any of the co-requisite percussion classes to use the lab equipment and materials to enhance applicable skills necessary for success.

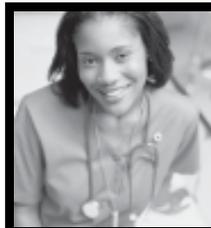
**MUSIC 840****Advanced Practice Lab – Percussion****0.5 UNITS - (RPT 3)**

Prerequisite: Music 820 or equivalent.

This course allows more advanced students who are enrolled in any of the co-requisite courses of Music 820 Percussion Practice Lab to use the lab equipment and materials to further enhance applicable skills necessary for success.

**MUSIC 185 Directed Study - 1 UNIT (CSU) (RPT 2)****MUSIC 285 Directed Study - 2 UNITS (CSU)****MUSIC 385 Directed Study - 3 UNITS (CSU)**

This course allows vocal and instrumental students to pursue directed study on a contract basis under the direction of a supervising instructor. A maximum of 3 units in Directed Study may be taken for credit.

**NURSING**

**Dean: Ronda Mintz-Binder**  
**(323) 953-4000 ext. 2065**  
**Cub Center**

<http://www.lacitycollege.edu/academic/departments/nursing/index.html>

**PROGRAMS OFFERED**

**Associate of Science:  
 Nursing, Registered**

**Other:  
 Certified Nursing Assistant  
 Home Health Aide  
 RN Residency Program**

**DEGREE PROGRAM**

Los Angeles City College reopened the Associate Degree Registered Nursing Program in Fall 2002. The college accepts 36 students for enrollment every Fall. Should the number of qualified applicants exceed the number of available openings, a simple lottery will be implemented.

The Associate Degree program is a 2-year full-time program that includes theory and clinical courses over 4 days a week. Clinical experiences will include the opportunity for students to participate in nursing care and treatments of clients in hospitals and other health care facilities. Once admitted, this program is designed to be completed in four semesters for non-licensed candidates.

**NCLEX-RN Exam**

Students will be eligible to apply for and take the NCLEX-RN examination upon graduation. The Board of Registered Nursing may deny licensure on such grounds as: being convicted of crime, acts of dishonesty, fraud or deceit, etc. Persons impaired by alcohol, drug abuse and emotional illness are expected to voluntarily seek diagnosis and treatment for any suspected illness.

**Prerequisites**

As of Fall 2006, the Registered Nursing Program Prerequisites include completion of the following prerequisites by Winter Intersession 2006 with a minimum grade point average of 2.5.

1. Human Anatomy (with lab)
2. Human Physiology (with lab)
3. Microbiology 1 or 20
4. Psychology 1 (General Psychology)
5. English 101 (College Reading and Comprehension)

**Additional Requirements**

- Completion of, or proof of math Assessment comparable to Math 115.
- Completion of 1 year of High School Chemistry with a lab or equivalent (Chemistry 60 or 68)
- Overall college grade point average of 2.0
- Completion of all of the admission requirements of Los Angeles City College
- Graduation from an accredited U.S. High School or equivalent or graduation from an accredited U.S. College or university or equivalent. If students received their high school diploma from a foreign country and/or are requested equivalency of foreign college credits to fulfill prerequisites, the transcripts must be evaluated for equivalency by an LACC approved agency.
- Students must also meet health and other requirements mandated by the program and affiliating hospitals and/or clinical prior to entry. For additional requirements, please attend one of the Open Houses where details are discussed.
- It is highly recommended that the following co-requisites/graduation requirements be completed prior to entry into the Registered Nursing Program. Those courses that have not been satisfactorily completed will need to be completed during the 4 semesters of the Registered Nursing program. It is the student's responsibility that the following courses be completed prior to graduation and taking the NCLEX-RN examination.
  1. Sociology 1 or Anthropology 101
  2. Speech 101
  3. Psychology 41
  4. 3 units of American institutions
  5. 3 units of Humanities
  6. 1 unit of P.E.

Please refer to Plan B or consult with the nursing counselor for further guidance.

Also note: The information presented may be updated or modified subject to district, state and/or BRN requests. The LACC Registered Nursing Curriculum is in the process of being modified to align with the other LACCD nursing programs in the district. These modifications may be in place by Fall 2006 if district and BRN approved.

| COURSES                         | UNITS |
|---------------------------------|-------|
| <b>First Semester</b>           |       |
| NRSGREG 103 .....               | 1     |
| NRSGREG 104 .....               | 4     |
| NRSGREG 105 .....               | 5     |
| Electives (Highly Recommended): |       |
| NRSGREG 115 .....               | 1     |
| <b>Second Semester</b>          |       |
| NRSGREG 106 .....               | 4     |
| NRSGREG 107 .....               | 4     |
| NRSGREG 116 .....               | 1     |
| <b>Third Semester</b>           |       |
| NRSGREG 108 .....               | 4     |
| NRSGREG 109 .....               | 5     |
| NRSGREG 117 .....               | 1     |

**Fourth Semester**

|                   |   |
|-------------------|---|
| NRSGREG 110 ..... | 5 |
| NRSGREG 111 ..... | 4 |
| NRSGREG 120 ..... | 1 |

**Total Required Units ..... 39**  
**(Total Units Including Electives ..... 40)**

**Note to Current LVN's:**

Current practicing LVN's are invited to complete the Associate Degree Registered Nursing Program by applying and being accepted into the second year of the program based on space availability. LVNs must have taken a 2 unit Transition/Bridge course. LVN candidates must complete the above prerequisites excluding Anatomy 1. This will enable licensed vocational nurses with 6 months clinical experience to complete requirements for the Registered Nursing Associate Degree in 1 year.

LACC also offers a 30-unit option for LVN's. Candidates who choose this option will not be graduates of the LACC Nursing Program. Also several states in the USA will not recognize nurses who take this option. Additional information is available about this option in the Nursing Department.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

NOTE: The Plan B requirements for this program include 16 units in Natural Sciences NOT 12 units as listed in Plan B under other programs in this catalog.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------|
| 3 Units   | English Composition                                                                                                     |
| 3 Units   | Communication/Analytical Thinking                                                                                       |
| 3 Units   | Natural Sciences                                                                                                        |
| 3 Units   | Humanities                                                                                                              |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments)                                                   |
| 3-4 Units | Health/Physical Education                                                                                               |
| 3-5 Units | Math Competency<br>(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam) |

**RN RESIDENCY IN PEDIATRICS PROGRAM**

Los Angeles City College's Nursing Program in partnership with Children's Hospital Los Angeles is offers a Registered Nurse Residency in Pediatrics Program. For information contact the Registered Nursing Department located in the Cub Center or contact Children's Hospital directly at (323) 660-2450 extension 5871.

**CERTIFIED NURSING ASSISTANT PROGRAM**

LACC also offers a Certified Nursing Program, Nursing 100 every semester. This is an 6 unit course that prepares students for the certified nursing assistant examination given by the Red Cross. Upon completion of the certification exam, students may enroll in the Home Health Aid course. course descriptions

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### **NURSING, REGISTERED 103**

#### **Nursing Pharmacology 1 UNIT – (CSU)**

Co-requisite: Nursing, Registered 104.

This is an introductory course for first semester nursing students that will focus on most frequently prescribed medications and their side effects and possibly interactions that are used in health care setting today.

### **NURSING, REGISTERED 104**

#### **Nursing Foundations 4 UNITS – (CSU)**

Prerequisite: Math 115, English 101, Sociology 1, Speech 101, Psychology 1, Psychology 41, Physiology 1, and Microbiology 20 with a satisfactory grade or equivalent.

This introductory nursing course provides theoretical concepts and fundamental skills required for safe patient care. The Roy Adaptation Model nursing process is introduced as the conceptual, framework for practice. Critical thinking and psychomotor skills are enhanced during clinical component.

### **NURSING, REGISTERED 105**

#### **Beginning Medical-Surgical Nursing 5 UNITS – (CSU)**

Prerequisite: Nursing, Registered 104 with a satisfactory grade.

This course further defines the Roy Adaptation Model Nursing process as the applied framework for nursing care. Students are introduced to common medical-surgical health problems. Theoretical concepts and nursing skills will be applied in the clinical setting.

### **NURSING, REGISTERED 106**

#### **Nursing Care of the Childbearing Family 4 UNITS – (CSU)**

Prerequisite: Nursing, Registered 105 with a satisfactory grade.

Course provides opportunity for nursing students to learn about and manage nursing care of culturally diverse families experiencing reproductive health, childbearing, and breast and reproductive system cancers. The Roy Adaptation Model nursing process is utilized as the framework for nursing care.

### **NURSING, REGISTERED 107**

#### **Nursing Care of the Pediatric Client 4 UNITS – (CSU)**

Prerequisite: Nursing, Registered 105 with a satisfactory grade.

Utilizing the Roy Adaptation Model and the nursing process, pediatric nursing focuses on the nursing care of children of various ages and their families. Concepts include disease process, medical treatments, nursing responsibilities, and interventions, cultural, ethical, and legal issues.

### **NURSING, REGISTERED 108**

#### **Nursing Care of the Client with Psychosocial Needs 4 UNITS – (CSU)**

Prerequisite: Nursing, Registered 107 with a satisfactory grade and approved second year status in RN program.

This course is designed to provide correlated theoretical knowledge and clinical experience in the care of the psychiatric patient in the acute care facility. The student will provide client care in the psychiatric in-patient facility. Emphasis will be on the holistic care of clients with mental health problems, cognitive disorders and/or difficulties in coping with problems of daily living.

### **NURSING, REGISTERED 109**

#### **Intermediate Medial-Surgical Nursing 5 UNITS – (CSU)**

Prerequisite: Nursing, Registered 106 and Nursing, Registered 107 with a satisfactory grade and approved second year status in RN program.

This course continues study of the needs of the adult and older adult client with increasingly complex medical-surgical health problems. Focus is on the bio-psycho-social impact of illness across the life span and nursing interventions to promote client adaptation. Clinical experience is provided concurrently.

### **NURSING, REGISTERED 110**

#### **Advanced Medical-Surgical Nursing 5 UNITS - (CSU)**

This is an advanced medical-surgical nursing course. Theory content includes ECG monitoring, beginning ventilatory management, hemodynamic monitoring, care of the client with multisystem failure, and nursing care in emergency situations. Theoretical knowledge is applied across all specialty care settings.

### **NURSING, REGISTERED 111**

#### **Nursing Leadership and Management 4 UNITS - (CSU)**

This course explores the legal, ethical and current trends affecting the Registered Nurse today within the context of the Roles of Practice. A 108 hour clinical preceptorship in an acute care setting is required.

### **NURSING, REGISTERED 115**

#### **Nursing Skills Competency I 1 UNIT – (CSU)**

Co-requisite: Nursing, Registered 104.

This is an adjunct, self-paced laboratory course for nursing students that will provide weekly open entry skills-based laboratory opportunities to work on procedures and skills taught in concurrent clinical courses. 3 hours per student per week is allotted.

### **NURSING, REGISTERED 116**

#### **Nursing Skills Competency II 1 UNIT – (CSU)**

Prerequisite: Nursing, Registered 105 with a satisfactory grade.

This is a self-paced laboratory course for nursing students that will provide weekly open entry skills-based laboratory opportunities to work on procedures and skills taught in Pediatric and Maternity Nursing clinical courses. 3 hours per student per week is allotted.

### **NURSING, REGISTERED 117**

#### **Nursing Skills Competency III 1 UNIT – (CSU)**

Prerequisite: Nursing, Registered 107 with a satisfactory grade and approved second year status in RN program.

This is a self-paced laboratory course for nursing students that will provide weekly open entry skills-based laboratory opportunities to practice and enhance learned nursing skills.

## **NURSING, REGISTERED 120**

### **Nursing Informatics Competencies**

#### **1 UNIT – (CSU)**

Co-requisite: Nursing, Registered 104.

This elective course is designed to offer specialized instructor directed activity learning to enhance skills in nursing computer, software programs and applications. It is especially designed for students who need to build computer knowledge and skills.

## **RN RESIDENCY IN PEDIATRICS**

### **NURSING, REGISTERED 150**

#### **Expanded Practice and Principles for Pediatric Nursing I 9 UNITS**

Prerequisite: Nursing, Registered 111 with a satisfactory a satisfactory grade.

This course emphasizes competency assessment, and is designed to take the graduate nurse from novice becoming a trained Registered Nurse with a specialty in Pediatrics.

### **NURSING, REGISTERED 151**

#### **Role Development in Pediatric Nursing 8 UNITS**

Prerequisite: Nursing, Registered 150 with a satisfactory grade.

This course emphasizes role development, under preceptor guidance the nurse moves from Novice toward increased clinical competency in the Pediatric Nurse Residency Program.

### **NURSING, REGISTERED 152**

#### **Expanded Practice and Principles for Pediatric Nursing II 7 UNITS**

Prerequisite: Nursing, Registered 151 with a satisfactory grade.

This course emphasizes moving toward leadership and independent practice as a specialty Pediatric Nurse.

## **CNA NURSING**

### **NURSING 100**

#### **Certified Nurse Assistant 6 UNITS – (A)**

Prerequisite: Physical Exam, Health clearance, Negative Tuberculin Test or Chest X-Ray, fingerprint clearance.

Entry-level position into health care, caring for residents in acute care/skills nursing facilities with a variety of health disorders. The core concepts follow the guidelines of the Department of Health Services, with emphasis to principles of safety; infection control; physical, emotional and social support.

## **HOME HEALTH AID**

### **NURSING 101**

#### **Home Health Aids 2 UNITS - NDC**

Prerequisite: Nursing 100 with a satisfactory grade.

This course provides instruction in: 1) Introduction to aide and Agency Role; 2) Interpretation of medical and social needs of people being served; 3) Personal care services; 4) Nutrition; 5) Cleaning and care tasks in home.



## **PERSONAL DEVELOPMENT**

**Chair: Boris Lopez  
(323) 953-4000 ext. 2250 • AD108**

### **PROGRAMS OFFERED**

**Courses Only - No Degree/Certificate**

### **COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

#### **EDUCATION 101**

##### **Learning Strategies for College Success Laboratory 1 UNIT – (CSU)**

Co-requisite: Personal Development 101.

Advisory: English 28/31 or equivalent.

Learning Strategies for College Success Laboratory is a comprehensive student success course designed to help students master effective academic strategies, to develop the ability to monitor, evaluate, and adjust their approach to the learning process, and to promote an understanding of human diversity in order to enhance over all student success at LACC. The course creates opportunities for students to become self-managed, effective communicators and a successful part of the campus community. This course is designed to be taken with Personal Development 101.

#### **EDUCATION 203**

##### **Education in American Society 3 UNITS – (CSU)**

See the Child Development section of this catalog.

#### **PERSONAL DEVELOPMENT 20**

##### **Post Secondary Education: The Scope of Career Planning 3 UNIT – (CSU)**

Advisory: English 28/31 or equivalent.

This course is designed to provide students with information regarding vocational and professional careers. It describes the scope of a post-secondary education beginning with the primary education through the community college careers to the transfer selection toward the Baccalaureate.

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#### **PERSONAL DEVELOPMENT 101**

##### **Learning Strategies for College Success 2 UNITS – (CSU)**

Co-requisite: Education 101.

Advisory: English 28/31 or equivalent.

Learning Strategies for College Success is a comprehensive student success course designed to help students master effective academic strategies; to develop the ability to monitor, evaluate, and adjust their approach to the learning process; and to promote an understanding of human diversity in order to enhance overall student success at LACC. The course creates opportunities for students to become self-managed, effective communicators and a successful part of the campus community. This course is designed to be taken with Education 101.



**Chair: Michael Critelli**  
**(323) 953-4000 ext. 2761 • HH200**

## **PROGRAMS OFFERED**

Courses Only - No Degree/Certificate

## **COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

All classes fulfill the Humanities requirement for the Associate in Arts degree except Philosophy 6, 7, 8 and 9, which fulfill the Language and Rationality requirement.

### **PHILOSOPHY 1** **Introduction to Philosophy I** **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

This introductory course is open to all students. The following questions will be discussed: Does life have meaning? Does God exist? Do we have free will? Can we trust our senses?

### **PHILOSOPHY 1H** **Introduction to Philosophy 1H** **3 UNITS – (UC:CSU)**

Prerequisite: Eligibility for English 101 and Honors Program standing. In this class, philosophical issues are discussed in a seminar format. Students are encouraged to construct their own philosophical world views. An emphasis is placed on writing essays which develops critical thinking skills.

UC limit: 1 and 1H combined: maximum credit, one course.

### **PHILOSOPHY 2** **Society And Values** **3 UNITS – (UC:CSU)**

The class focuses upon various theories of human nature and the implications of such theories for social, political and moral issues. The views of thinkers such as Plato, Marx, Freud, and Sartre are studied.

### **PHILOSOPHY 6** **Logic in Practice** **3 UNITS – (UC:CSU)**

This course in critical thinking is intended to develop understanding of logical principles and their application to everyday life in such areas as advertising, news reports, editorials, etc.

### **PHILOSOPHY 5** **Critical Thinking and Composition** **3 UNITS – (UC:CSU)**

Prerequisite: Completion of English 101 with a satisfactory grade or better or equivalent.

This class develops critical thinking skills necessary for evaluating and formulating argumentative/persuasive essays. Instruction in writing is a central focus of this course.

### **PHILOSOPHY 7** **Inductive Logic** **3 UNITS – (UC:CSU)**

Philosophy 7 introduces the student to the basic concepts and methods of inductive reasoning including: the scientific method, probability, and statistical methods. Particular emphasis will be placed on the practical applications of the above concepts to everyday life.

### **PHILOSOPHY 8** **Deductive Logic** **3 UNITS – (UC:CSU)**

This introductory logic class, which is open to all students, is designed to develop the student's ability to think critically and to reason correctly. Attention will be given to both formal and informal logic.

### **PHILOSOPHY 9** **Symbolic Logic I** **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

Logic is common to all our lives. How can we reason better, and discover when an argument is faulty? Philosophy 9 introduces the student to modern symbolic logic, examining the principles and methods employed in the analysis of arguments. The course is designed to improve your skills in this area.

### **PHILOSOPHY 12** **History of Greek Thought** **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

The history of Greek philosophic thought is examined in this class through the works of the Greek oral poets, the Pre Socratics, Socrates and the systems of Plato and Aristotle.

### **PHILOSOPHY 14** **History of Modern European Philosophy** **3 UNITS – (UC:CSU)**

This class traces the development of the ideas which shape the modern mind. The individual's relationship to the state, to his fellow human beings and to the universe will be explored in the works of modern philosophers.

## PHILOSOPHY 19

### Contemporary Problems in Bio Ethics

#### 3 UNITS – (UC:CSU)

Traditional ethical theories and their application to bio ethics will be discussed. Among specific issues to be discussed will be abortion, euthanasia, informed consent, experimenting with human subjects, and genetic engineering.

## PHILOSOPHY 20

### Ethics

#### 3 UNITS – (UC:CSU) (CAN PHIL 4)

This class offers a study of both historical and contemporary ethical theories as well as a discussion and analysis of current moral issues.

## PHILOSOPHY 30

### Asian Philosophy

#### 3 UNITS – (UC:CSU)

This course explores the major philosophies of India, China and Japan, including Hinduism, Buddhism, Confucianism, Taoism and Zen Buddhism. Consideration is given to the differences between Eastern and Western thought.

## PHILOSOPHY 32

### Philosophy of Religion (formerly Philosophy 27)

#### 3 UNITS – (UC:CSU)

Offers an exposition, discussion and analysis of significant philosophical questions which have been directed at religious beliefs.

## PHILOSOPHY 35

### Judaism, Christianity and Islam

#### 3 UNITS – (UC:CSU)

An examination of the philosophical and theological ideas of the three great shaping religious traditions of our culture.

## PHILOSOPHY 40

### Introduction To The Philosophy of Art

#### 3 UNITS – (UC:CSU)

Various philosophical theories regarding the nature of art, "beauty", and the aesthetic experience will be examined in this course.

## PHILOSOPHY 41

### Introduction to Philosophy And Literature

#### 3 UNITS – (UC:CSU)

This class will discuss and analyze major and recurrent philosophical themes as found in European and American literature.

Particular emphasis will be given to the philosophical aspects of contemporary works of literature.



# PHOTOGRAPHY

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[www.lacitycollege.edu/academic/departments/medarts/photo/index.html](http://www.lacitycollege.edu/academic/departments/medarts/photo/index.html)

## PROGRAMS OFFERED

Associate of Arts:  
Applied Photography

Certificates:  
Photography - Color  
Photography - Commercial  
Photography - Freelance

## DEGREE PROGRAM

### PHOTOGRAPHY

#### Associate of Arts Degree Career Program

This curriculum will prepare you for a career in professional photography, as a photographer and/or photographic laboratory technician. Training includes lighting, design and professional techniques of color and black and white photography for various publication media, advertising, portraiture and display, as well as custom production of commercial color prints and transparencies using a wide variety of materials and techniques and state of the art equipment including digital cameras, inkjet printers and scanners. Students will be introduced to computer digital imaging technology, including instruction in Adobe Photoshop techniques, and Internet website design classes.

This program is nationally recognized as one of the most outstanding of its kind. Many LACC Photography majors become employed in the industry either during or after completion of the program.

To enroll in Photography 1, you must complete Photography 10 or 20, or approval of 10 or more samples of your black and white work, by the instructor. You will need a manual (or automatic with fully manual capability) 35mm single lens reflex camera with a full range of adjustable apertures, shutter speeds and focusing. If you are in Photo 1 or above, you will have access to the department 4 x 5 view cameras and 120 size roll film cameras. Estimated semester expenses for film, paper and other personal supplies are about \$200 to \$300, depending on the class.

Courses required for the Associate of Arts degree and Certificate of Completion are as follows. Photography 1 is the prerequisite for most photography classes. See Course Descriptions for specific information.

## REQUIRED PHOTOGRAPHY

Students may complete course work toward an Associate of Arts degree and/or Certificates of Completion in photography.

## PHOTOGRAPHY

### Associate of Arts Degree Career Program

| CORE UNITS     | UNITS   |
|----------------|---------|
| Photo 10 ..... | 3 units |
| Photo 1 .....  | 6 units |
| Photo 28 ..... | 1 unit  |

- PLUS complete requirements from Option A, B or C (below);  
AND additional elective units to total 36 units in the major;  
PLUS 18 units of general education requirements  
(consult with a counselor for specific courses);  
PLUS additional elective units to total 60 units for the  
Associate of Arts degree.

Recommended courses including General Education for photography majors are Art 201, Art 204, Cinema 1, Cinema 2, CAOT 31, Journalism 101, Law 1, Photography 3, 6, 7, 15, 17, 20, 34, 42, 43, 44, 46, 49 and 50.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

A certificate in Color, Commercial, or Freelance, Photography will be issued by the Media Arts Department upon application of the student with the department upon successful completion of the courses listed above with a satisfactory grade.

### OPTION A: PHOTOGRAPHY

#### Color Certificate

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Photography 42 .....     | 6         |
| Photography 43 .....     | 6         |
| Photography 46 .....     | 3         |
| Photography 49 .....     | 6         |
| Photography 50 .....     | 3         |
| <b>Total Units</b> ..... | <b>24</b> |

### OPTION B: PHOTOGRAPHY

#### Commercial Certificate

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Photography 1 .....      | 6         |
| Photography 3 .....      | 6         |
| Photography 6 .....      | 3         |
| Photography 42 .....     | 3         |
| Photography 46 .....     | 6         |
| Photography 50 .....     | 3         |
| <b>Total Units</b> ..... | <b>27</b> |

### OPTION C: PHOTOGRAPHY

#### Freelance Certificate

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Photography 1 .....      | 6         |
| Photography 3 .....      | 6         |
| Photography 15 .....     | 3         |
| Photography 20 .....     | 4         |
| Photography 42 .....     | 6         |
| Photography 46 .....     | 3         |
| <b>Total Units</b> ..... | <b>28</b> |

## HEALTH ADVISORY FOR PHOTOGRAPHY

Because students enrolled in the Photography program are required to precisely mix photographic chemicals, some of which are toxic, it is advisable that a student be able to clearly understand oral instructions and reading materials that are distributed in class and lab. Consequently, it is advisable for students to possess reading comprehension at the English 28 level (Intermediate Reading and Composition) or higher.

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### PHOTOGRAPHY 1

#### Elementary Photography

##### 6 UNITS - (CSU)

Prerequisite: Photography 10 or 20 with a satisfactory grade, or approval of Black and White portfolio of 10 to 15 prints, by instructor, which must be presented to the instructor during semester previous to semester of enrollment. All work in the portfolio, including processing, must be by the student.

Advisory: Photography 28 and English 28/31 or equivalent.

The beginning course for Photography majors, with intensive training in all phases of professional techniques, emphasizing view camera operation, exposure and development control of film, printing for optimum technical and aesthetic values, basic lighting techniques, theory of photographic processes, and basic sensitometry. Estimated material cost is approximately \$225.

Owning a professional quality light meter is recommended. Owning medium format or 4x5 camera equipment is not essential.

**PHOTOGRAPHY 3**  
**Basic Commercial Fields**  
**6 UNITS - (A)**

Prerequisite: Photography 1 with a satisfactory grade.  
Advisory: Photography 1, Photography 28 and English 28/31 with a satisfactory grade.  
Concept, design and specialization subject lighting for commercial advertising is emphasized. Studio electronic flash and accessories are utilized. Color 4 x 5 transparencies and prints and black and white enlarging is incorporated in assignments.  
Estimated material cost is approximately \$300-\$400.. Owning camera equipment is recommended, but not essential.

**PHOTOGRAPHY 6**  
**ADVANCED COMMERCIAL PHOTOGRAPHY**  
**3 UNITS – (RPT 1) (CSU)**

Prerequisite: Photography 3 with a satisfactory grade.  
Advisory: Art 201 Recommended concurrent enrollment in Photo 28 or 33.  
Advisory: English 28 or equivalent.  
Professional lighting techniques for commercial subjects is stressed in conjunction with specialized assignments related to current commercial requirements and practices including publication illustration.

**PHOTOGRAPHY 7**  
**EXPLORING DIGITAL PHOTOGRAPHY**  
**3 UNITS**

Advisory: English 28/31 or equivalent  
A practical course in the uses and applications of professional digital cameras. Camera controls and elements of composition will be stressed. Digital cameras may be provided by the department for student use. Students may use their own cameras to supplement assignments. Owning a digital camera is not a requirement.

**PHOTOGRAPHY 10**  
**Beginning Photography**  
**3 UNITS - (UC: CSU)**

Advisory: Concurrent enrollment in Photography 28 and English 28/31 or equivalent.  
Basic principles of photography from the mechanical creation of the image with camera and film to enlarging the photograph for display, while applying the guidelines of composition, communication and self-expression. 35 mm single lens camera required. Automatic cameras are OK, but they must have manual shutter speed and lens opening capability. An approximate supply cost is \$125. You must attend the first lecture meeting, or be replaced by students wishing to add. The first scheduled class is the first lecture meeting. Do not attend the first lab meeting. Labs will meet only after announced in lecture class.  
UC limit with Art 502-503, 700-711 courses: maximum credit allowed, 12 units.

**PHOTOGRAPHY 15**  
**Fundamentals of Portraiture**  
**3 UNITS - (CSU)**

Prerequisite: Photography 1 with a satisfactory grade.  
Advisory: Concurrent enrollment in Photography 28 and 42.  
Lecture 2 hours. Laboratory 3 hours.  
This course offers a study of modern photographic lightings in portraiture, using professional cameras and lighting equipment. Photographic films, exposure factors, developing techniques, and print display are presented. Lightings for groups, environmental portraiture and posing techniques are studied as well.

**PHOTOGRAPHY 17**  
**Introduction to Color Photography**  
**3 UNITS - (CSU)**

Prerequisite: Photography 10 or 20 or equivalent with a satisfactory grade.  
Advisory: English 28/31 or equivalent.  
Lecture 2 hours. Laboratory 3 hours.  
Students enrolled in this class will learn about color photography from its beginning to the present with new materials on the present market. Light and its characteristics are studied in order to better understand perception and the individual's interpretation of color. Estimated cost is \$100.

**PHOTOGRAPHY 20**  
**Beginning Photojournalism**  
**4 UNITS - (CSU)**

Advisory: Concurrent enrollment in Photography 28 and English 28/31 with a satisfactory grade.  
Lecture 2 hours. Laboratory 6 hours to be arranged.  
Photography for those interested in becoming photographers for publications (magazines, wire services, newspapers, in-plant publications). Provides instruction, practice and application with cameras, shooting, procedures, and darkroom processing and photojournalism methods.

**PHOTOGRAPHY 22**  
**Creative Photo-Vision**  
**3 UNITS – (RPT 2) (A)**

Prerequisite: Photography 10 with a satisfactory grade.  
Advisory: English 28/31 or equivalent.  
Lecture 1 hour. Laboratory 5 hours.  
This course is designed to increase the sensitivity of seeing, and constructing photographic images using non-traditional and standard creative approaches.

**PHOTOGRAPHY 28**  
**Laboratory Processes**  
**1 UNIT – (RPT 3) (A)**

Advisory: English 28/31 or equivalent.  
Laboratory 3 hours.  
This course is designed for the photography student who wishes to increase laboratory skills, relative to concurrent photography classes, through extended contact with equipment and faculty. Students will not be permitted to use any of the photo lab facilities if they drop or are excluded from the main photo lecture section.

**PHOTOGRAPHY 33**  
**Advanced Laboratory Processes**  
**1 UNIT – (RPT 3) (A)**

Prerequisite: Photography 28 with a satisfactory grade.  
Advisory: English 28/31 or equivalent.  
Laboratory 3 hours.  
This course will concentrate on lab instruction designed to familiarize students with safety factors and the technology of film and paper processes. Students will not be permitted to use any of the photo lab facilities if they drop or are excluded from the main photo lecture section.

**PHOTOGRAPHY 34**  
**History of Photography**  
**3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.  
A survey of the historical development of the medium including major technological inventions and advancements, styles and movements, and

important photographers from 1826 through the 1960's. Special attention is paid to the impact of the photographic image and how it has shaped modern culture worldwide.

#### **PHOTOGRAPHY 42**

##### **Color Printing 6 UNITS – (A)**

Prerequisite: Photography 1 with a satisfactory grade.

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory 9 hours.

An introductory color course, which develops a technical proficiency and an aesthetic awareness of the creative uses of color photography, including color design theory, composition, perceptual and psychological aspects of color. Emphasis is placed on negative to positive printing, developing the ability to choose material, light, expose and process 4x5 color negatives and produce up to 16x20 color prints. Assignments for the freelance photographer include scenic, portraiture, commercial and advertising. Cost of materials is approximately \$200.

#### **PHOTOGRAPHY 43**

##### **Advanced Color Technology 6 UNITS – (A)**

Prerequisite: Photography 42 with a satisfactory grade.

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory 9 hours.

An advanced course for Color Photography majors interested in a photographic career in advertising, commercial, illustration, fine arts, or working as a laboratory technician. This course develops the ability to expose, color correct and process Ektachrome films and concentrates on a critical evaluation of the color reproduction. Students ultimately will be expected to choose the proper process for solving specific technical problems. Assignments include exposure, color correction and processing of chrome films, duplicate transparencies, Fujitran and Ilfochrome prints and cross-processing. Cost of materials is approximately \$200-\$300.

#### **PHOTOGRAPHY 44**

##### **Photography Decor (Creative Photography) 6 UNITS – (A)**

Prerequisite: Photography 43 with a satisfactory grade.

Advisory: English 28/31 or equivalent.

Lecture 2 hours. Laboratory 10 hours.

An advanced color course designed to expand students' perceptions and views of contemporary photography as an expressive form of communication. It stresses creativity in concepts and current techniques used as a design tool for freelance photographers. Photographic images are created with unusual sizes, shapes and materials, using both normal and specialized processes. Cost of materials is approximately \$200.

#### **PHOTOGRAPHY 46**

##### **Photographic Digital Imaging {Adobe Photoshop} 3 UNITS - (A)**

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory 3 hours.

This digital imaging course incorporates the use of computers and photo digitizing software to alter, enhance, and create new images that can be output to film and print media.

#### **PHOTOGRAPHY 49**

##### **Advanced Photographic Digital Imaging 6 UNITS - (CSU)**

Prerequisite: Photography 46 with a satisfactory grade.

Advisory: English 28/31 or equivalent.

(see "Health Advisory" under Certificate Programs)

This digital imaging course will incorporate the use of photographic and graphic design digital software, scanners, printers, and cameras to create and output images.

#### **PHOTOGRAPHY 50**

##### **Specialty Fields 3 UNITS – (RPT 3) (A)**

Prerequisite: Photography 3 and 43 with a satisfactory grade or instructor's approval of advanced level portfolio.

Laboratory 9 hours.

An independent study course designed to create a photography portfolio. This class is designed for advanced students and gives special attention to their individual concepts and goals.



## **PHYSICAL EDUCATION**

**Chair: Hayward Nishioka**

**Chair: Jan McEveety**

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<http://athletics.lacc.cc.ca.us/>

<http://wpe.lacc.cc.ca.us/>

### **PROGRAMS OFFERED**

**Courses Only - No Degree/Certificate**

### **COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

With the exception of contact sports, all activity and theory classes are open to both men and women. Individual courses are open to both men and women. Individual courses, Physical Education 96 through 480, may be repeated for credit. UC limit: Physical Education 96 399, any or all of these courses combined: maximum credit allowed, 4 units; 401-480, any or all of these courses combined: maximum Credit allowed, 4 units; 503-516, any or all of these courses combined: maximum credit allowed 4 units; 710-711; 713-720, any or all of these courses combined: maximum credit allowed 8 units.

Physical Education 185, 285, 385: depending on course content apply appropriate Independent Study Limit.

Advisory: English 28/31 or its equivalent or concurrent enrollment in Learning Skills 1, 7, and Speech Communication 113 for all Transfer Theory courses.

**PHYSICAL EDUCATION 101-142**

**Water Activities - Swimming**

**1 UNIT - (RPT 3) (UC:CSU)**

Activity 2 hours.

Beginning, intermediate and advanced levels offered for all swim courses.

**PHYSICAL EDUCATION 101**

**Water Activities - Non-Swimmer**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 102**

**Water Activities - Swimming Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 122**

**Water Activities - Aqua Exercise**

**1 UNIT - (RPT 3) (UC:CSU)**

Instruction includes progressive skills attainment.

**PHYSICAL EDUCATION 185**

see end of this section

**PHYSICAL EDUCATION 203-299**

**Individual and Dual Activities**

**1 UNIT - (RPT 3) (UC:CSU)**

Activity 2 hours.

In each sport or activity special attention is paid to techniques, strategy, etiquette, terminology, history, and rules.

**PHYSICAL EDUCATION 203**

**Badminton Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 212**

**Tennis Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 216**

**Paddle Tennis Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 219**

**Table Tennis Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 225**

**Individual & Dual Activities - Yoga Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 228**

**Individual and Dual Activities Body Conditioning**

**1 UNIT - (RPT 3) (UC:CSU)**

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules. Individual courses may be taken four times.

**PHYSICAL EDUCATION 229**

**Individual and Dual Activities: Body Dynamics**

**1 UNIT - (RPT 3) (UC:CSU)**

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules. Individual courses may be taken four times.

**PHYSICAL EDUCATION 230**

**Weight Training**

**1 UNIT - (RPT 3) (UC:CSU)**

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules.

**PHYSICAL EDUCATION 238**

**Self-Defense Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules. Individual courses may be taken four times.

**PHYSICAL EDUCATION 241**

**Judo Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 247**

**Gymnastics Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 259**

**Golf Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 262**

**Track and Field Skills**

**1 UNIT - (RPT 3) (UC:CSU)**

**PHYSICAL EDUCATION 299**

**Stress Management Techniques Through Movement and Dance**

**1 UNIT - (RPT 3) (UC:CSU)**

This course helps us identify our stressors and introduces techniques such as breathing, yoga, relaxation exercises, movement, and dance as a means of coping with the stress in our lives.

**PHYSICAL EDUCATION 300-399**

**Team Sports**

**1 UNIT - (RPT 3) (UC:CSU)**

Activity 2 hours.

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules.

**PHYSICAL EDUCATION 301****Baseball Skills****1 UNIT - (RPT 3) (UC:CSU)****PHYSICAL EDUCATION 304****Basketball Skills****1 UNIT - (RPT 3) (UC:CSU)**

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules. Individual courses may be taken four times.

**PHYSICAL EDUCATION 313****TEAM SPORTS - SOCCER SKILLS****1 UNIT - (RPT 3) (UC:CSU)****PHYSICAL EDUCATION 322****Volleyball Skills****1 UNIT - (RPT 3) (UC:CSU)****PHYSICAL EDUCATION 328****Softball Skills****1 UNIT - (RPT 3) (UC:CSU)****PHYSICAL EDUCATION 401-468****Dance Activities****1 UNIT - (RPT 3) (UC [pending]:CSU)**

Activity 2 hours.

In each dance form, special attention is paid to technique, terminology, history, style, and appreciation of related arts.

**DANCE 185****Directed Study - Dance****1 UNIT - (RPT 3) (UC:CSU)**

Allows the student to pursue directed study in dance on a contract basis under the direction of a supervising instructor.

**DANCE 400****Stress Management Techniques Through Dance and Movement****1 UNIT - (RPT 3) (UC:CSU)**

This course helps identify stressors and introduce techniques of dance and dance therapy. Movement meditations, authentic movement studies, breathing exercises, yoga, physical therapy and relaxation exercises are introduced. Multicultural rhythms and dance forms are used to enhance group experiences. May be taken 4 times.

**DANCE 405****Yoga Conditioning for Dance****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces dance students to yoga skills that provide conditioning, flexibility and endurance to supplement dance technique. Course may be taken four times.

**DANCE 406****Hatha Yoga Conditioning for Dancers****1 UNIT - (RPT 3) (UC:CSU)**

Advisory: Dance 405.

This course provides dance students who have attained a basic level of yoga proficiency from Dance 405 (Yoga Conditioning for Dance) access to a more

in-depth Hatha yoga practice that offer physical challenges beyond a beginning level and provides more advanced experiences in conditioning, flexibility and endurance to supplement dance technique. Course may be taken four times.

**DANCE 408****Dance Movement for Instrumentalists and Vocalists****1 UNIT - (RPT 3) (UC:CSU)**

This course will include different music and dance styles, tempo variations, and stage awareness to enhance a music student's movement on stage.

**DANCE 410****Dance Aerobics****1 UNIT - (RPT 3) (UC:CSU)**

Using the forms of dance aerobically, students will increase flexibility, strength, and cardiovascular endurance. Course may be taken four times.

**DANCE 431****Modern Dance****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to modern dance with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 434****Ballet****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to ballet with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 437****Jazz Dance****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to jazz dance with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 440****Social Dance****1 UNIT - (RPT 3) (UC:CSU)**

In each dance form, special attention is paid to technique, terminology, history, style, and appreciation of related arts. Course may be taken four times.

**DANCE 446****Tap Dance****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to tap dance with an emphasis on basic steps and combination, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 452****Introduction to Choreography****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to choreography with an emphasis on basic steps and combinations, creating dances, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 466****Ballet Combinations****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to ballet combinations with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 467****Modern Dance Combinations****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to modern dance combinations with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 468****Jazz Dance Combinations****1 UNIT - (RPT 3) (UC:CSU)**

This course introduces students to jazz dance combinations with an emphasis on basic steps and combinations, terminology, music, and appreciation of dance as a performing art form. Course may be taken four times.

**DANCE 469****Conditioning for Dance****1 UNIT - (RPT 3) (UC:CSU)**

Students will learn dance and aerobic exercises to increase flexibility, strength, and endurance. Course may be taken four times.

**DANCE ACTIVITIES 440****Social Dance****1 UNIT - (RPT 3) (UC:CSU)****DANCE ACTIVITIES 459****Flamenco and Spanish Dancing****1 UNIT - (RPT 3) (UC:CSU)**

In each dance form special attention is paid to technique, terminology, history, style, and appreciation of related arts. Course may be taken four times.

**PHYSICAL EDUCATION 401****International Folk Dance Skills****1 UNIT - (RPT 3) (UC:CSU)****PHYSICAL EDUCATION 480****Dances of Armenia and Greece****1 UNIT - (RPT 3) (UC:CSU)**

Above courses acceptable for Dance 70 credits, UCLA.

**PHYSICAL EDUCATION 500-599****Intercollegiate Athletics Sports****2 UNITS - (RPT 1) (UC:CSU)**

Activity 10 hours or more in the sports in season for the following courses.

**PHYSICAL EDUCATION 500****Basketball Theory****3 UNITS - (RPT 1)**

Prerequisite: Tryouts.

Co-requisite: Physical Education 504.

**PHYSICAL EDUCATION 502****Badminton****2 UNITS - (RPT 1) (UC:CSU)****PHYSICAL EDUCATION 503****Baseball****2 UNITS - (RPT 1) (UC:CSU)****PHYSICAL EDUCATION 504****Basketball****2 UNITS - (RPT 1) (UC:CSU)**

Prerequisite: Tryouts.

**PHYSICAL EDUCATION 509****Intercollegiate Sports-Golf****2 UNITS - (RPT 1) (UC:CSU)**

This course offers advanced instruction in the fundamental skills and techniques of golf and an opportunity for practical application in intercollegiate competition.

**PHYSICAL EDUCATION 511****Soccer****2 UNITS - (RPT 1) (UC:CSU)**

Prerequisite: Tryouts.

**PHYSICAL EDUCATION 514****Intercollegiate Sports-Tennis****2 UNITS - (RPT 3) (UC:CSU)**

Students with intermediate and advanced tennis skills need and opportunity to participate in higher levels of singles and doubles competition.

**PHYSICAL EDUCATION 515****Track and Field****2 UNITS - (RPT 3) (UC:CSU)**

This course offers men and women students with advanced track and field skills and opportunity to participate in intercollegiate track and field.

**PHYSICAL EDUCATION 516****Volleyball****2 UNITS - (RPT 1) (UC:CSU)**

Students with intermediate and advanced volleyball skills are given the opportunity to compete at the intercollegiate level.

**PHYSICAL EDUCATION 552****Athletic Pre-season Conditioning****1 UNIT - (RPT 2) (UC:CSU)****PHYSICAL EDUCATION 630-810****FITNESS****0.5-2 UNITS - (RPT Varies) (UC:CSU)**

Activity hours vary.

**PHYSICAL EDUCATION 630****Aerobic Super Circuit Laboratory****1 UNIT - (RPT 3) (UC:CSU)**

Using fundamentals of exercise physiology, each student will assess his/her level of physical fitness, develop a fitness profile, and design and implement a personalized exercise program.

**PHYSICAL EDUCATION 635****Circuit Training****0.5 UNIT - (RPT 3) (UC:CSU)**

An exercise program utilizing interval training to increase cardiovascular efficiency and muscular strength/endurance. Participants' transition, in timed intervals, from stationary bikes to strength training machines that condition all the major muscle groups in the body.

**PHYSICAL EDUCATION 637****Spin Cycling Aerobic****0.5 UNIT - (RPT 3) (UC:CSU)**

A vigorous cardiovascular workout using a stationary bicycle, energetic music and cycling drills. Drills include simulated hill climbs, sprints, and various cycling positions. Aerobic and anaerobic situations are created to condition the entire cardiovascular system.

**PHYSICAL EDUCATION 639****Hatha Yoga****1 UNIT - (RPT 3) (UC:CSU)**

Advisory: Physical Education Yoga Skills.

This class provides a more in-depth exposure and experience with Hatha Yoga. Special attention is paid to Hatha Yoga styles, terminology, history, and developing personal skill level. Individual course may be taken four times.

**PHYSICAL EDUCATION 640****Beginning Lifelong Fitness Laboratory****1 UNIT - (RPT 3) (UC:CSU)**

Advisory: Physical Education Yoga Skills.

In each sport activity, special attention is paid to techniques, strategy, etiquette, terminology, history and rules. Individuals' courses may be taken four times.

**PHYSICAL EDUCATION 641****Introduction to Laboratory Techniques in Adapted Physical Education****2 UNITS – (RPT 3) (UC:CSU)**

Advisory: Eligibility to enroll in English 28 or its equivalent.

Class provides an orientation to specific disabilities, methods, and techniques of working with the disabled. The arranged laboratory experience requires assisting a specialist with disabled students enrolled in adapted physical education activity classes. Valuable for students pursuing health/rehabilitative careers.

**PHYSICAL EDUCATION 642****Adapted Fitness****1 UNIT – (RPT 3)**

Course is designed to meet the needs of students with disabilities who require restricted or modified activities. Individualized exercise programs will be performed by students with instruction covering the basic elements of physical fitness and training principles.

**PHYSICAL EDUCATION 643****Adapted Strength Training****1 Unit – (UC:CSU)**

Course is designed to meet the needs of students with disabilities who require restricted or modified activities. Individualized exercise programs will be performed by students with instructional emphasis placed on strength training principles and techniques.

**PHYSICAL EDUCATION 644****Adapted Swimming and Hydroexercise****1 UNIT – (RPT 3)**

Course is designed to meet the needs of students with disabilities who require restricted or modified activities. Individualized exercise programs will focus on basic swimming and water safety skills. Hydroexercise programs will emphasize physical fitness, buoyancy, and hydrodynamic resistance principles.

**PHYSICAL EDUCATION 645****Adapted Aerobics****1 UNIT – (RPT 3)**

This course is designed for students with disabilities who need an individualized exercise program and can function independently. Students will develop cardiovascular and muscular endurance, strength, and flexibility while exercising with musical accompaniment.

**PHYSICAL EDUCATION 646****Adapted Cardiovascular Fitness****1 Unit – (RPT 3) (UC:CSU)**

Course is designed to meet the needs of students with disabilities who can benefit from individualized cardiovascular endurance training. Development of cardiovascular endurance through the use of bicycle ergometers with hand cranks will be the major class focus.

**PHYSICAL EDUCATION 647****Adapted Aqua Aerobics****1 Unit – (RPT 3) (UC:CSU)**

Course is designed to meet the needs of students with disabilities who require restricted or modified activities, and who can benefit from individualized non-impact aerobic exercises in the pool.

**PHYSICAL EDUCATION 648****Adapted Exercise for Back Disorders****1 Unit – (RPT 3) (UC:CSU)**

Course is designed for students with back and/or neck problems that can benefit from an individualized exercise program. Instruction and practice will be given in individualized exercises, including stretching, resistive exercises and cardiovascular fitness.

**PHYSICAL EDUCATION 649****Adapted Sports and Games****1 Unit – (RPT 3) (UC:CSU)**

Course is designed to develop students' gross motor skills and to facilitate their participation in life-long activities, enhancing improved fitness, self-esteem, and social interaction.

**PHYSICAL EDUCATION 712****Introduction to Physical Education****3 UNITS – (RPT 3) (UC:CSU)**

A study of the physical, mental, emotional, and social effects or organized physical education programs. Special emphasis is placed on the history, philosophy, professional qualifications, career opportunities, and current trends and curriculum development.

**PHYSICAL EDUCATION 713****Introduction to Coaching Athletics****3 UNITS – (RPT 3) (UC:CSU)**

A study of the physical, mental, emotional, and social effects or organized physical education programs. Special emphasis is placed on the history, philosophy, professional qualifications, career opportunities, and current trends and curriculum development.

### **PHYSICAL EDUCATION 714**

#### **Coaching Team Sports 3 UNITS – (RPT 3) (UC:CSU)**

A comprehensive study of the physical, mental, emotional, and social aspect of coaching team sports. Special emphasis is placed on the history, philosophy, professional qualifications, career opportunities, and current trends and curriculum development in coaching. The theory and practice of team sports included in physical education and recreational programs. Basic skills, rules, regulations, and organization of activities are presented.

### **PHYSICAL EDUCATION 715**

#### **Coaching Individual Sports 3 UNITS – (UC:CSU)**

The theory and practice of individual sports included in physical education and recreation. The student's skill in each sport is assessed; Basic skills, rules, regulations, and organization, of the activities are presented. Activities include Archery, Badminton, Handball, Golf, Tennis.

### **PHYSICAL EDUCATION 716**

#### **Games & Rhythms/Elementary School I 3 UNITS - (CSU)**

A study of the physical, mental, emotional, and social effects of games and rhythms. Special emphasis is placed on the history, philosophy, professional qualifications, and current trends and curriculum development.

### **PHYSICAL EDUCATION 720**

#### **Theory and Practice of Olympic Sport Judo 3 UNITS - (RPT 3) (UC:CSU)**

In each sport or activity, special attention is paid to techniques, strategy, etiquette, terminology, history, and rules. Individual courses may be taken four times.

### **PHYSICAL EDUCATION THEORY CLASSES**

Physical Education Major

These classes do not meet credit for Physical Education activity. Required for Physical Education and Recreation majors and minors.

### **PHYSICAL EDUCATION 810**

#### **PE Folk Dance 2 UNITS - (UC:CSU)**

This course offers an in depth study of folk dance, its history, characteristics, and music for students interested in teaching.

### **PHYSICAL EDUCATION 185**

#### **Directed Study — 1 UNIT (CSU)**

### **PHYSICAL EDUCATION 285**

#### **Directed Study — 2 UNITS (CSU)**

### **PHYSICAL EDUCATION 385**

#### **Directed Study — 3 UNITS (CSU)**

Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.



## **PHYSICAL SCIENCE**

Chair: Sonia Juan

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[www.lacitycollege.edu/academic/departments/physics/physics.htm](http://www.lacitycollege.edu/academic/departments/physics/physics.htm)

## **PROGRAMS OFFERED**

### **Courses Only - No Degree/Certificate**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### **PHYSICAL SCIENCE**

UC Limit: no credit allowed if taken after a college course in Astronomy, Chemistry, Geology or Physics.

### **PHYSICAL SCIENCE 1**

#### **Physical Science I**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent or concurrent enrollment in Learning Skills 1 and/or 7.

Open to all students. An integrated course for non-science majors developing fundamental concepts and principles of Physics, Chemistry, Geology, and Astronomy. Topics fundamental to each discipline and their relationship to the whole fabric of Physical Science will be considered.

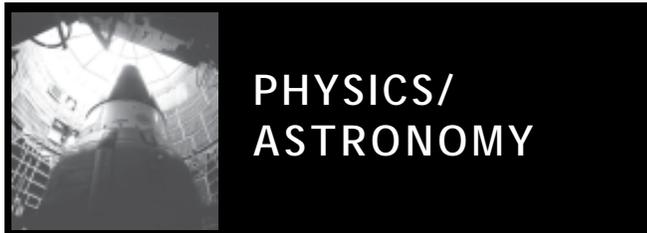
### **PHYSICAL SCIENCE 14**

#### **Physical Science Laboratory**

#### **1 UNIT – (UC:CSU)**

Co-requisite: Concurrent enrollment in Physical Science 1.

Provides laboratory experience supplementing the instruction given in Physical Science 1.



# PHYSICS/ ASTRONOMY

**Chair: Sonia Juan**

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[www.lacitycollege.edu/academic/departments/physics/physics.htm](http://www.lacitycollege.edu/academic/departments/physics/physics.htm)

## PROGRAMS OFFERED

Associate of Science  
Physics - General

Other Courses  
Astronomy

## DEGREE PROGRAM

### PHYSICS

#### Associate of Science Degree Transfer Program

This four semester sequence of courses serves two functions:

- 1) it provides a student with a two year Associate in Science degree as a physics major; and
- 2) it provides the student with preparatory course work to transfer to a four-year university as a junior in physics or other related physical sciences.

All of the physics and mathematics courses listed here are prerequisites for upper division physics and mathematics courses for physics majors. Courses not completed LACC must be taken at the university before entry into the upper division major program.

| COURSES                                                              | UNITS |
|----------------------------------------------------------------------|-------|
| <b>First Semester</b>                                                |       |
| Mathematics 261 .....                                                | 5     |
| English 101 .....                                                    | 3     |
| General Education (American History) .....                           | 3     |
| <b>Second Semester</b>                                               |       |
| Physics 101 .....                                                    | 5     |
| Mathematics 262 .....                                                | 5     |
| Chemistry 101 .....                                                  | 5     |
| General Education<br>(Speech Communication 101 or English 102) ..... | 3     |
| ** Students transferring to the UC should take English 102.          |       |
| <b>Third Semester</b>                                                |       |
| Physics 102 .....                                                    | 5     |
| Mathematics 263 .....                                                | 5     |
| Mathematics 275 .....                                                | 3     |
| General Education (Humanities) .....                                 | 3     |

|                                                                                                                     |   |
|---------------------------------------------------------------------------------------------------------------------|---|
| <b>Fourth Semester</b>                                                                                              |   |
| Physics 103 .....                                                                                                   | 5 |
| Chemistry 102 .....                                                                                                 | 5 |
| General Education (Health Ed and PE)<br>(Select one course from either<br>Behavioral Science or Life Science) ..... | 6 |

**Total Units**  
(includes general education requirements) ..... 61

Physics 101 and Mathematics 261 may be used to fulfill the General Education requirements (double count).

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## COURSE DESCRIPTIONS

**NOTE:** Not every class is offered each semester. Refer to the current class schedule for current class offerings.

**PREREQUISITES:** Specified prerequisites must be completed with a satisfactory grade or equivalent.

### ASTRONOMY 1 Elementary Astronomy 3 UNITS – (UC:CSU)

Advisory: English 28/31 or concurrent enrollment in Learning Skills 1 or 7.  
A cultural course in the general principles and the fundamental facts of astronomy. For the non-technical student.

### ASTRONOMY 5 Fundamentals of Astronomy Laboratory 1 UNIT – (UC:CSU)

Co-requisite: Astronomy 1.  
A presentation of the methods and techniques used by astronomers to determine the nature of the universe. This course involves working with and learning the operation of Astronomical instruments and equipments including the 12 inch telescope housed in the Los Angeles City College Observatory.

### ASTRONOMY 10 The Solar System 3 UNITS - (UC:CSU)

Advisory: English 28/31 or concurrent enrollment in Learning Skills 1 or 7.  
A non-mathematical introductory course covering the history of astronomy and the solar system. For the non-technical student.

## **ASTRONOMY 11**

### **Stars, Galaxies, and the Universe**

#### **3 UNITS - (UC:CSU)**

Advisory: English 28/31 or concurrent enrollment in Learning Skills 1 or 7.

A non-mathematical introductory course covering the stars, galaxies, black holes, the origin of the universe, and cosmological topics. For the non-technical student.

## **PHYSICS**

Note that the Physics 101, 102 and 103 sequence that follows is equivalent to the old Physics 1,2,3 and 4 below. 2004-2005 will be the last academic year that Physics 1,2,3, and 4 will be taught.

## **PHYSICS 1**

### **Mechanics of Solids**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 11 with a satisfactory grade or high school physics.

Co-requisite: Mathematics 261.

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory and demonstration 3 hours.

This course is designed to cover the field of mechanics, including both static and dynamics, translational and rotational motion, work and energy, elasticity and simple harmonic motion, and gravitational theory.

## **PHYSICS 2**

### **Mechanics Of Fluids, Heat, And Sound**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 1 with a satisfactory grade or equivalent.

Co-requisite: Concurrent enrollment in Mathematics 262, unless taken previously.

Lecture 3 hours. Laboratory and demonstration 3 hours.

This course includes: statics and dynamics of fluids; temperature, thermodynamics, and kinetic theory of gases; wave motion and sound; and geometrical optics. Wave optics is included in Physics 4. Optics is included in Physics 4.

## **PHYSICS 3**

### **Electricity and Magnetism**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 2 with a satisfactory grade or equivalent.

Co-requisite: Concurrent enrollment in Mathematics 263, unless taken previously.

Lecture 3 hours. Laboratory and demonstration 3 hours.

This course presents a rigorous introduction to electrostatic and magnetic fields, capacitance and inductance, DC and AC circuits and transients, resonance, Maxwell's equations, oscillations and waves.

## **PHYSICS 4**

### **Optics and Modern Physics**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 2 and Mathematics 262 with satisfactory grades or better or equivalent.

Lecture 3 hours. Laboratory and demonstration 3 hours.

This course includes topics in modern physics; special relativity, wave mechanics, atomic and nuclear physics. Also included is wave optics. Geometrical optics is included in Physics 2.

## **PHYSICS 6**

### **General Physics I**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 11 with a satisfactory grade, or high school physics.

Completion of three years of high school math, including trigonometry, or

Mathematics 240.

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory and discussion 3 hours.

This course is designed for majors in Health and Life Sciences, Architecture, and all those needing a one year course in college physics requiring trigonometry but not calculus (see also Physics 21). The principal topics are mechanics, heat and sound.

## **PHYSICS 7**

### **General Physics II**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 6 with a satisfactory grade or equivalent.

Lecture 3 hours. Laboratory and discussion 3 hours.

This course examines the later developments of physics leading through electricity and magnetism to optics, relativity and quantum theory, atomic and nuclear physics.

## **PHYSICS 11**

### **Introductory Physics**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Mathematics 115 and 120 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent.

Credit allowed for only one of Physics 11 or 12.

Lecture 3 hours. Laboratory and demonstration 3 hours.

This general introductory course with laboratory serves as the prerequisite for Physics 101, 6, 21, and for the health career programs. It is aimed at developing physical intuition, problem solving techniques and laboratory procedures. It is not open to students who have had a college course in physics. Those needing only one semester of laboratory science should consider enrolling in Physics 12 and 14.

## **PHYSICS 12**

### **Physics Fundamentals**

#### **3 UNITS - (UC:CSU)**

Open to all students. Advisory: English 28/31 or equivalent.

Credit allowed for only one of Physics 12 and 11.

A journey into the world of physics— its ideas, methods, personalities, and implications. A brief attempt to make some sense of the universe for all those who do not plan further work in physics. Credit for a laboratory science course may be earned through concurrent enrollment in Physics 14. Not open to students who have had a college course in physics.

## **PHYSICS 14**

### **Physics Fundamentals Laboratory**

#### **1 UNIT - (UC:CSU)**

Co-requisite: Physics 12.

Laboratory 3 hours.

This introductory laboratory course in general physics is provided to give liberal arts students a laboratory course in the physical sciences.

## **PHYSICS 21**

### **General Physics I with Calculus**

#### **4 UNITS - (UC:CSU)**

Prerequisite: Physics 11 with a satisfactory grade or high school physics.

Co-requisite: Mathematics 261.

Advisory: English 28/31 or equivalent.

Lecture 3 hours. Laboratory 2 hours. Discussion 1 hour.

First course of a two semester sequence of calculus based general physics. Recommended for Life Science majors and premedical students. This course uses calculus to analyze and solve problems in mechanics, heat and geometrical optics. Physics 21, 22 are acceptable for all Life Science and premedical curricula while Physics 6, 7 are accepted only by some schools.

**PHYSICS 22**

**General Physics II with Calculus**

**4 UNITS - (UC:CSU)**

Prerequisites: Physics 21 with a satisfactory grade or equivalent.  
Co-requisite: Mathematics 262.  
Lecture 3 hours. Laboratory 2 hours. Discussion 1 hour.  
Second course of a two semester sequence of calculus based general physics. Uses calculus to explain and solve problems involving the principles of electricity and magnetism, physical optics, and atomic and nuclear physics.

**PHYSICS 101**

**Physics for Engineers and Scientists I**

**5 UNITS - (UC:CSU)**

Prerequisite: Physics 11 with a satisfactory grade or high school physics.  
Co-requisite: Mathematics 261.  
Advisory: English 28/31 or equivalent.  
Lecture 3 hours. Laboratory/tutorial and demonstration 6 hours.  
This course is designed to cover the field of mechanics, including both static and dynamics, Newton's laws, translational and rotational motion, work and energy, elasticity, fluid mechanics, simple harmonic motion, and gravitational theory.

**PHYSICS 102**

**Physics for Engineers and Scientists II**

**5 UNITS - (UC:CSU)**

Prerequisite: Physics 101 with a satisfactory grade or equivalent.  
Co-requisite: Concurrent enrollment in Mathematics 262, unless taken previously.  
Lecture 3 hours. Laboratory/tutorial and demonstration 6 hours.  
This course includes: thermodynamics, including applications to heat engines, kinetic theory of gases; a rigorous introduction to electrostatic and magnetic fields, capacitance and inductance, DC and AC circuits and transients, resonance and Maxwell's equations.

**PHYSICS 103**

**Physics for Engineers and Scientists III**

**5 UNITS - (UC:CSU)**

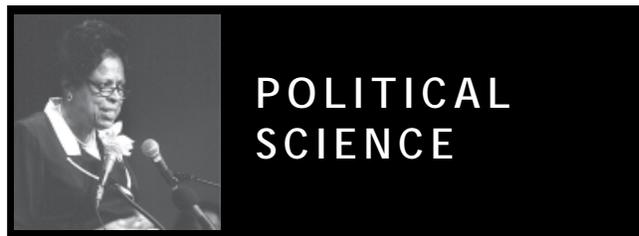
Prerequisite: Physics 102 with a satisfactory grade or equivalent.  
Co-requisite: Concurrent enrollment in Mathematics 263, unless taken previously.  
Lecture 3 hours. Laboratory/tutorial and demonstration 6 hours.  
This course presents mechanical waves, sound waves, resonance, electromagnetic waves, geometric optics, wave optics and physical optics. It also includes topics in modern physics: special relativity, quantum mechanics, atomic and nuclear physics.

**PHYSICS 185 Directed Study — 1 UNIT (CSU)**

**PHYSICS 285 Directed Study — 2 UNITS (CSU)**

**PHYSICS 385 Directed Study — 3 UNITS (CSU)**

Prerequisite: Signature of Instructor and Science and Mathematics classes appropriate to the research to be undertaken.  
Conference 1 hour per unit.  
Allow students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.  
Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.



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[www.lacitycollege.edu/academic/departments/socsci/index.html](http://www.lacitycollege.edu/academic/departments/socsci/index.html)

**PROGRAMS OFFERED**  
**Associate of Arts:**  
**Modern Political Studies**

**DEGREE PROGRAM**

**MODERN POLITICAL STUDIES**

**Associate in Arts Degree**  
**Transfer/Career Program**

The following curriculum designed by the Social Science Department may be used as undergraduate preparation for a major or minor in Modern Political Studies.

| <b>COURSES</b>            | <b>UNITS</b> |
|---------------------------|--------------|
| History 11 .....          | 3            |
| Political Science 1 ..... | 3            |
| Sociology 1 or 11 .....   | 3            |
| Political Science 2 ..... | 3            |
| Economics 1 or 2 .....    | 3            |
| Political Science 7 ..... | 3            |

Students are advised to choose additional courses from those listed above in order to fulfill the Social and Behavioral Sciences section, (Area D) of the Plan A General Education described below.

NOTE: In addition to the major courses in "Social/Behavioral Sciences," you must complete 9 additional units in "Social/Behavioral Sciences" to satisfy Plan A requirements.

Students may select "PLAN A" or "Plan B" general education requirements to graduate.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
  - 6-9 Units Communication/Analytical Thinking
  - 3 Units Natural Sciences
  - 3 Units Humanities
  - 9 Units Social/Behavioral Sciences (including American History & Governments)
  - 3-4 Units Health/Physical Education
  - 3-5 Units Math Competency
- (Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |



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[www.lacitycollege.edu/academic/departments/psych/index.html](http://www.lacitycollege.edu/academic/departments/psych/index.html)

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### **POLITICAL SCIENCE 1**

#### **The Government of the United States**

#### **3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Meets Associate in Arts degree requirements in U. S. History. U.S. Constitution, California State and local government.

A study of the U.S. Constitution and the major principles, institutions and policies of the American Federal system.

### **POLITICAL SCIENCE 1H**

#### **The Government of the United States**

#### **3 UNITS - (UC:CSU)**

Prerequisite: Eligibility for English 101 and Honors Program standing.

UC Limit: 1 and 1H combined: maximum credit, 1 course.

(See description above)

### **POLITICAL SCIENCE 2**

#### **Modern World Governments**

#### **3 UNITS – (UC:CSU)**

Advisory: English 28/31 or equivalent.

Modern World Governments is a comparative study of the constitutional institutions and political problems of selected governments abroad.

### **POLITICAL SCIENCE 7**

#### **Contemporary World Affairs**

#### **3 UNITS - (UC:CSU)**

Advisory: Political Science 1 or equivalent.

A study of selected issues in contemporary world affairs from the perspective of the U.S. Class topics include a review of the formulation of American foreign policy; the Vietnam War and its' lessons; the nuclear; and the role of diplomacy and negotiations in resolving various international problems.

## **PROGRAMS OFFERED**

### **Associate of Arts:**

Human Services - Generalist  
Human Services - Drug/Alcohol

### **Certificates:**

Human Services - Generalist  
Human Services - Drug/Alcohol

## DEGREE PROGRAMS

### **HUMAN SERVICES**

#### **Associate of Arts Degree**

#### **Career Program**

The Human Services curriculum, offered by the Department of Psychology, is a lower division two year course of study designed to train a student in one of two Options: Human Services Generalist or Drug/Alcohol Studies. The curriculum also serves as an introduction to the helping professions for students planning four year college degrees in Psychology, Human Services, Behavioral Science, Rehabilitation Counseling, Social Work, Health Science and Alcohol and Substance Abuse, and other majors. The Human Services Curriculum specifically trains paraprofessionals who are able to function in a wide variety of areas under professional supervision.

Students in the Human Services Generalist Option and the Drug/Alcohol Studies Option complete the same core courses. Academic preparation is offered in basic psychology courses such as Introductory Psychology, Personality and Social Development, and Abnormal Psychology. Another part of the core classes concentrates on important communication skills and self awareness through participating in Group Dynamics courses, which are conducted as laboratory workshops for the purpose of engaging in and learning about the group process. The third aspect of the core courses is a three semester rotation through Field Work courses, coordinated and taught by a faculty member, in cooperation with facilities in the community. These fieldwork courses are related to the student's special interests and the population with whom they expect to work in the future.

By completing the courses listed below, students will be eligible for the **Associate of Arts** degree with a major in Human Services. Satisfactory completion of all courses with at least a "C" grade is required. Students should note that, while this curriculum culminates in an Associate of Arts degree and Human Services Certificate, additional courses are required for transfer to a four-year college.

**HUMAN SERVICES  
GENERALISTS OPTION (2-Year Plan)  
Associate of Arts Degree  
Career Program**

| COURSES                  | UNITS     |
|--------------------------|-----------|
| <b>First Semester</b>    |           |
| Psychology 1 .....       | 3         |
| Psychology 43 .....      | 3         |
| Psychology 81 .....      | 3         |
| *Physical Education      |           |
| <b>Second Semester</b>   |           |
| Psychology 14 .....      | 3         |
| Psychology 41 .....      | 3         |
| Psychology 44 .....      | 3         |
| Psychology 82 .....      | 3         |
| *Humanities Requirement  |           |
| <b>Third Semester</b>    |           |
| Psychology 3 .....       | 3         |
| Psychology 13 .....      | 3         |
| Psychology 83 .....      | 3         |
| *Science Requirement     |           |
| <b>Fourth Semester</b>   |           |
| Psychology 2 .....       | 3         |
| Psychology 45 .....      | 3         |
| <b>Total Units</b> ..... | <b>36</b> |

\* American Institutions Requirement Elective

Students must meet the mathematics competency requirements for the Associate of Arts degree.

Recommended electives: Psychology 64, Family & Consumer Studies 21, Philosophy 6 or 8, Law 3, Child Development 42.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**HUMAN SERVICES  
GENERALISTS OPTION (3-Year Plan)  
Associate of Arts Degree  
Career Program**

| COURSES                            | UNITS     |
|------------------------------------|-----------|
| <b>First Semester</b>              |           |
| Psychology 1 .....                 | 3         |
| Psychology 43 .....                | 3         |
| *Physical Education                |           |
| <b>Second Semester</b>             |           |
| Psychology 14 .....                | 3         |
| Psychology 41 .....                | 3         |
| Psychology 81 .....                | 3         |
| *Humanities Requirement            |           |
| <b>Third Semester</b>              |           |
| Psychology 13 .....                | 3         |
| *Science Requirement               |           |
| <b>Fourth Semester</b>             |           |
| Psychology 3 .....                 | 3         |
| Psychology 82 .....                | 3         |
| *American Institutions Requirement |           |
| <b>Fifth Semester</b>              |           |
| Psychology 44 .....                | 3         |
| Psychology 83 .....                | 3         |
| <b>Sixth Semester</b>              |           |
| Psychology 2 .....                 | 3         |
| Psychology 45 .....                | 3         |
| <b>Total Units</b> .....           | <b>36</b> |

\* American Institutions Requirement Elective

Students must meet the mathematics competency requirements for the Associate of Arts degree.

Recommended electives: Psychology 64, Family & Consumer Studies 21, Philosophy 6 or 8, Law 3, Child Development 42.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**DRUG/ALCOHOL STUDIES OPTION)\*\*  
(2-Year Plan)  
Associate of Arts Degree  
Career Program**

| COURSES                            | UNITS     |
|------------------------------------|-----------|
| <b>First Semester</b>              |           |
| Psychology 1 .....                 | 3         |
| Psychology 43 .....                | 3         |
| Psychology 64 .....                | 3         |
| Psychology 84 .....                | 3         |
| <b>Second Semester</b>             |           |
| Psychology 14 .....                | 3         |
| Psychology 44 .....                | 3         |
| Psychology 65 .....                | 3         |
| Psychology 85 .....                | 3         |
| *Humanities Requirement            |           |
| <b>Third Semester</b>              |           |
| Psychology 3 .....                 | 3         |
| Psychology 67 .....                | 3         |
| Psychology 86 .....                | 3         |
| *American Institutions Requirement |           |
| <b>Fourth Semester</b>             |           |
| Psychology 2 .....                 | 3         |
| Psychology 45 .....                | 3         |
| Psychology 63 .....                | 3         |
| *Physical Education                |           |
| <b>Total Units</b> .....           | <b>42</b> |

\* American Institutions Requirement Elective

Students must meet the mathematics competency requirements for the Associate of Arts degree.

Recommended electives: Psychology 64, Family & Consumer Studies 21, Philosophy 6 or 8, Law 3, Child Development 42.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**DRUG/ALCOHOL STUDIES OPTION  
(3-Year Plan)  
Associate of Arts Degree  
Career Program**

| COURSES                                  | UNITS     |
|------------------------------------------|-----------|
| <b>First Semester</b>                    |           |
| Psychology 1 .....                       | 3         |
| Psychology 43 .....                      | 3         |
| Psychology 64 .....                      | 3         |
| <b>Second Semester</b>                   |           |
| Psychology 65 .....                      | 3         |
| Psychology 84 .....                      | 3         |
| <b>Third Semester</b>                    |           |
| Psychology 14 .....                      | 3         |
| Psychology 85 .....                      | 3         |
| Psychology 67 .....                      | 3         |
| *Humanities Requirement                  |           |
| <b>Fourth Semester</b>                   |           |
| Psychology 44 .....                      | 3         |
| Psychology 63 .....                      | 3         |
| Psychology 86 .....                      | 3         |
| <b>Fifth Semester</b>                    |           |
| Psychology 2 .....                       | 3         |
| Psychology 3 .....                       | 3         |
| *American Institutions Requirement ..... | 3         |
| <b>Sixth Semester</b>                    |           |
| Psychology 45 .....                      | 3         |
| *Physical Education                      |           |
| <b>Total Units</b> .....                 | <b>45</b> |

\* See notes under Two Year Course Plan above.

\*\* This curriculum is accredited by the California Association of Alcohol and Drug Educators and meets the educational requirements for certification by the California Association of Alcohol and Drug Addiction Counselors.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## CERTIFICATE PROGRAMS

### HUMAN SERVICES

A certificate in Human Services will be issued by the Psychology Department upon successful completion of the following courses. A satisfactory grade of or better is required in all course work.

Please consult Associate of Arts Curriculum for sequencing of courses.

#### OPTION 1: HUMAN SERVICES GENERALISTS Certificate

| COURSES                                                               | UNITS     |
|-----------------------------------------------------------------------|-----------|
| Psychology 1 .....                                                    | 3         |
| Psychology 3 .....                                                    | 3         |
| Psychology 13 .....                                                   | 3         |
| Psychology 14 .....                                                   | 3         |
| Psychology 27 .....                                                   | 1         |
| Psychology 41 .....                                                   | 3         |
| Psychology 43 .....                                                   | 3         |
| Psychology 44 .....                                                   | 3         |
| Psychology 45 .....                                                   | 3         |
| Psychology 81 .....                                                   | 3         |
| Psychology 82 .....                                                   | 3         |
| Psychology 83 .....                                                   | 3         |
| English 28 or 101 .....                                               | 3         |
| Speech Communication 101,<br>or Psychology 60, or Psychology 64 ..... | 3         |
| <b>Total Units</b> .....                                              | <b>40</b> |

#### OPTION 2: HUMAN SERVICES DRUG/ALCOHOL STUDIES Certificate

| COURSES                  | UNITS     |
|--------------------------|-----------|
| Psychology 1 .....       | 3         |
| Psychology 3 .....       | 3         |
| Psychology 14 .....      | 3         |
| Psychology 27 .....      | 1         |
| Psychology 43 .....      | 3         |
| Psychology 44 .....      | 3         |
| Psychology 45 .....      | 3         |
| Psychology 63 .....      | 3         |
| Psychology 64 .....      | 3         |
| Psychology 65 .....      | 3         |
| Psychology 67 .....      | 3         |
| Psychology 84 .....      | 3         |
| Psychology 85 .....      | 3         |
| Psychology 86 .....      | 3         |
| English 28 or 101 .....  | 3         |
| <b>Total Units</b> ..... | <b>43</b> |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### PSYCHOLOGY 1 General Psychology I 3 UNITS - (UC:CSU) (CAN PSY 2)

Advisory: English 28/31 or equivalent.

This course is a general introduction to the scientific study of human behavior. An emphasis is placed upon learning, motivation, intelligence, feelings and emotions, personality, and methods of adjustment. Standardized psychological inventories may be given to the student to help to understand the important concepts in each of these areas. The student planning transfer of a year of Psychology should follow Psychology 1 with either Psychology 2 or Psychology 3, according to his upper division major requirements.

### PSYCHOLOGY 2 General Psychology II 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

Required of majors in Psychology.

This course explains psychological behavior on the basis of events taking place in the brain, nervous systems and endocrine glands. The biological events which underlie these systems are explained and identified with regard to their effect on moods, sexuality, motivation, sleep, perception, and learning.

### PSYCHOLOGY 3 Personality and Social Development 3 UNITS - (CSU)

Prerequisite: Psychology 1 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent.

This course focuses on self awareness and personality development. Topics considered include love, work, loneliness, death and loss, intimate relationships, sex roles and sexuality, and values in life.

### PSYCHOLOGY 13 Social Psychology 3 UNITS - (UC:CSU)

Prerequisite: Psychology 1 with a satisfactory grade or equivalent.

The study of social influences on our behavior, attitudes and feelings.

### PSYCHOLOGY 14 Abnormal Psychology 3 UNITS - (UC:CSU)

Prerequisite: Psychology 1 with a satisfactory grade or equivalent.

An overview of abnormal behavior from the perspective of contemporary medical, psychosocial, and socio-cultural approaches. Abnormal disorders are described, and their major causes and treatment are reviewed.

### PSYCHOLOGY 18 Psychology of Women's and Men's Changing Roles 3 UNITS - (UC:CSU)

Studies psychological and sociological implications of sex roles. Covers present information and research on biologically and culturally determined characteristics of women and men and how these affect personality, their relationship to work, education, family, law, and politics. Special adjustment problems of women and men in our society will be emphasized.

**PSYCHOLOGY 24****Scholastic and Personal Development****3 UNITS - NDC**

For students who wish to relearn and improve skills necessary for college success. Helps students formulate personal goals, increase motivation, and develop self-discipline with psychological techniques. Includes stress and time management, study skills, and memory techniques.

**PSYCHOLOGY 27****Online and Software Resources for Human Services****1 UNIT**

This course provides Human Services majors with a basic introduction to pertinent computer resources currently being utilized by human services professionals. Hands-on training will allow students to become familiar with software and online resources commonly being used.

**PSYCHOLOGY 41****Life Span Psychology****3 UNITS - (UC:CSU)**

Prerequisite: Psychology 1 with a satisfactory grade.

This course familiarizes the student with physical, cognitive and social growth and change affecting individuals during their many life stages. Periods examined include prenatal, infancy, childhood, adolescence, and old age.

**PSYCHOLOGY 43****Principles of Group Dynamics I****3 UNITS - (CSU)**

Advisory: English 28/31 or concurrent enrollment in Learning Skills 1 and/or 7. This is an introduction to the dynamics of group interactions with an emphasis upon the individual's first hand experience as the group studies itself. Students are evaluated on a credit/no credit basis.

**PSYCHOLOGY 44****Principles of Group Dynamics II****3 UNITS - (CSU)**

Prerequisite: Psychology 43 with a satisfactory grade or equivalent. This course covers the role of group processes in changing behavior, as well as the principle modes of counseling and therapy. Also covered are the principles of verbal and nonverbal communication, modes of learning, key concepts that enhance learning and significant communication.

**PSYCHOLOGY 45****Issues in Human Service Careers****3 UNITS - (CSU)**

Prerequisite: Psychology 44 and Psychology 82 with satisfactory grades or equivalent.

This is a course in how to survive in the real world of work in Human Services. It will integrate the psychological theory learned in previous classes with practice. The course covers specialized areas of psychology such as crisis intervention, psychopharmacology, counseling ethics, and interviewing. Included are techniques for agency survival such as job interviewing, report writing and resource referral.

**PSYCHOLOGY 52****Psychological Aspects of Human Sexuality****3 UNITS - (UC:CSU)**

This course explores psychological aspects of human sexuality. It emphasizes the effect of sexual development and functioning, on self concept and sexual identity. Topics included are: history of sexuality; myths and fallacies; physiology of sexuality; sexually transmitted diseases; paraphilias and sexual orientation.

**PSYCHOLOGY 60****Stress Management****3 UNITS - (CSU)**

This course examines methods of identifying and managing environmental, organizational, social and internal stress in an effort to promote more effective coping on the part of the individual in occupational, interpersonal and everyday life situations.

**PSYCHOLOGY 63****Alcohol/Drug Studies: Prevention and Education****3 UNITS - (CSU)**

This course introduces students to prevention and education of alcohol, drug problems and HIV/AIDS among various populations. The techniques of prevention and education in the community, family, school, worksite, and healthcare facilities will be emphasized.

**PSYCHOLOGY 64****Introduction to Alcohol and Drug Abuse and Physiological Effects****3 UNITS - (CSU)**

This course is an introduction to the: physiology and psychopharmacology of drugs and alcohol, theories of addiction, historical overview of treatment, drug classification, social policy and drug abuse, and the issues of relapse, rehabilitation and recovery.

**PSYCHOLOGY 65****Chemical Dependency, Intervention, Treatment and Recovery****3 UNITS - (CSU)**

This course introduces the student to the processes of treatment and recovery of alcohol and drug abuse among various populations. An overview of the causes, treatment, models, and recovery, relapse, rehabilitation, and aftercare is emphasized.

**PSYCHOLOGY 66****Introduction to Critical Thinking****3 UNITS - (CSU)**

This course will apply the theories and research evidence in cognitive psychology to enhance the ability to effectively solve problems, make decisions, and think creatively. Practice with a variety of problems and simulations will take place to ensure the learning and retention of these critical thinking skills.

**PSYCHOLOGY 67****Counseling Techniques for Chemically Addicted****3 UNITS - (CSU)**

This course will focus on the environment of chemical dependency counseling and the issues of the paraprofessional in alcohol and drug abuse treatment facilities. Case management in a multi-discipline team will be emphasized. All aspects of modern treatment techniques will be covered in class.

**PSYCHOLOGY 72****Introduction to Psychology Journal Research****3 UNITS - (CSU)**

Prerequisite: Psychology 1 with a satisfactory grade or equivalent.

This course teaches psychology majors how to prepare a professional paper for the American Psychological Association (APA). Activities of this course include: field trips to university reference libraries and interpretation of journals.

**PSYCHOLOGY 81****Field Work I****3 UNITS - (RPT 1) (CSU)**

Co-requisite: Psychology 1 or Psychology 43.

Lecture 1 hour. Field Work 5 hours per week.

This course is designed to orient the student to the field of Human Services.

The primary emphasis is on observations of the application of interpersonal relationship skills in community settings. This class is intended for students new to Human Services fieldwork. Basic counseling and communication skills will be taught.

### **PSYCHOLOGY 82**

#### **Field Work II**

#### **3 UNITS - (CSU)**

Prerequisite: Psychology 81 with a satisfactory grade or equivalent.

Lecture 1 hour. Field Work 5 hours per week.

This is a continuation of Field Work I in which there will be more student participation, under supervision, at various facilities in the community that offer Human Services.

### **PSYCHOLOGY 83**

#### **Field Work III**

#### **3 UNITS - (CSU)**

Prerequisite: Psychology 82 with a satisfactory grade or equivalent.

Lecture 1 hour. Field Work 5 hours per week.

This course is an advanced course in Field Work which is designed to give the student more specialized participation in Human Services. This class is intended for the advanced student of the generalist option of Human Services.

### **PSYCHOLOGY 84**

#### **Fieldwork I – Drug/Alcohol**

#### **3 UNITS**

Co-requisite: Psychology 1 and Psychology 43.

This course is designed to orient the student to the field of Human Services, Drug/Alcohol Studies. The primary emphasis is on the observations of the application of interpersonal relationship skills in drug/alcohol treatment and community settings. This class is intended for students new to Human Services field work. Basic counseling and communication skills will be taught.

### **PSYCHOLOGY 85**

#### **Field Work II: Drug/Alcohol**

#### **3 UNITS - (CSU)**

Prerequisite: Psychology 84 with a satisfactory grade or equivalent.

Lecture 1 hour. Field Work 6 hours per week.

This class is designed to orient the student to the field of Human Services, Drug/Alcohol Studies. The primary emphasis is on the observations of the application of interpersonal relationship skills in drug/alcohol treatment and community settings. This class is intended for students new to Human Services field work. Basic counseling and communication skills will be taught.

### **PSYCHOLOGY 86**

#### **Field Work III: Drug/Alcohol**

#### **3 UNITS - (CSU)**

Prerequisite: Psychology 85 with a satisfactory grade or equivalent.

Lecture 1 hour. Field Work 6 hours per week.

This course is designed to orient the student to the field of Human Services, Drug/Alcohol Studies. The primary emphasis is on the observations of the application of interpersonal relationship skills in drug/alcohol treatment and community settings. This class is intended for students new to Human Services field work. Basic counseling and communication skills will be taught.

### **PSYCHOLOGY 185 Directed Study — 1 UNIT (CSU)**

### **PSYCHOLOGY 285 Directed Study — 2 UNITS (CSU)**

### **PSYCHOLOGY 385 Directed Study — 3 UNITS (CSU)**

Prerequisite: Psychology 1 with a satisfactory grade plus one additional course in Psychology and signature of instructor.

Conference 1 hour per unit.

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.



## **RADIOLOGIC TECHNOLOGY**

**Chair: Ed Vasquez**

**(323) 953-4000 ext. 2942 • RT**

[www.lacitycollege.edu/academic/departments/radtech/index.html](http://www.lacitycollege.edu/academic/departments/radtech/index.html)

## **PROGRAMS OFFERED**

**Associate of Science:  
Radiological Technology**

## **DEGREE PROGRAM**

### **RADIOLOGIC TECHNOLOGY**

#### **Associate of Science Degree**

#### **Career Program**

Radiologic Technology is a health care profession whose practitioners work in hospitals, clinics, free standing imaging centers, and private offices. The Radiologic Technologist (Radiographer) is a member of the health care team who works directly with the patient and the physician performing a wide variety of diagnostic x ray procedures. The Radiographer must be proficient in the knowledge of radiographic exposure, anatomy, patient positioning, the operation of specialized equipment, and in the care and management of the patient. The rapid expansion of medical diagnostic imaging has greatly increased the diversity and utility of medical diagnosis. A career in Radiologic Technology offers vast opportunities for advancement.

The Radiologic Technology curriculum is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) and the State of California, Department of Health Services. The clinical educational centers are accredited by the Joint Commission for the Accreditation of Health Care Organizations (JCAHO). Los Angeles City College is accredited by the Western Association of Schools and Colleges.

Students who complete the curriculum, including the clinical education requirements, will be eligible to take the certification examinations prepared by the American Registry of Radiologic Technologists and the State of California, Department of Health Services, Radiologic Health Branch.

An advisory committee, composed of Radiologists, Radiologic Technologists, Radiology Administrators, Clinical Instructors and Student Technologists, cooperates with the College faculty and administrators in continuous curriculum development, evaluation, and revision.

## Admission to the Program

Admission to the Radiologic Technology program is based upon completion of the following:

- The completion of the prerequisites with a satisfactory grade.
- An application form, to be submitted to the program director.
- The college accepts a limited number of students into the program, which is based on availability of clinical sites. Should the number of qualified applicants exceed the number of available openings, a simple lottery will be implemented.
- Official transcripts of all college courses attempted must be submitted.

Applicants must meet certain physical health requirements. A physical examination must be performed by a licensed physician to determine physical and mental fitness of the student. The program director is authorized to require records of such examinations be released to the college. Such records may be used only to determine fitness for the program, and except for such use, the confidentiality of such records shall be maintained. Students must be free from communicable diseases, infection, psychological disorders, and other conditions that prevent the successful performance of the responsibilities and tasks required in the program. Any health condition described above which is developed by the student after admission to the program may be considered sufficient cause for suspension from the program.

## Desirable Abilities & Skills

The Joint Review Committee on Education in Radiologic Technology (JRCERT) our accrediting body requires student proficiency in the application of technical knowledge, operation of specialized equipment in a competent and safe manner, and the ability to provide physical care and emotional support to patients during radiographic procedures. Therefore, in order to be admitted to the program, or to be retained in the program after admission, all applicants should possess:

- Visual acuity, such as needed in the accurate preparation and administration of contrast media and for the observation necessary for patient assessment, care and management.
- Auditory perception to receive verbal communication from patients needing assistance and from members of the health care team.
- Communication skills (speech, reading, writing) to interact effectively and sensitively with patients in order to elicit information; describe changes in patient condition; assess non verbal communications; and be able to effectively and efficiently transmit information to patients, fellow students, faculty, staff and all members of the health care team.
- Gross and fine motor coordination to carry out diagnostic procedures including reaching, lifting, and moving radiographic equipment. Applicants should be able to execute motor movements reasonably required to provide general and emergency care to patients.
- Intellectual ability to be able to measure, calculate, reason, analyze and evaluate as required for direct patient care. The applicant must be able to comprehend three dimensional and spatial relationships.
- Emotional stability to enable use of intellectual abilities, exercise good judgment, promptly complete all responsibilities attendant to care of the patients.
- Social attributes to allow the development of mature, sensitive and effective relationships with patients, faculty, co workers, and administrators.

The "Technical Standards for Admission" have been established as a guidance tool for use in realistically informing the student of minimum standards

needed to satisfactorily function in the Program and ultimately in the profession. The assessment of an applicant compliance to these Standards will be accomplished in the following manner:

1. Faculty counseling to determine applicant goals and expectations.
2. A physical examination performed by a licensed physician.

Applicants who may be deficient in one or more of the areas mentioned above should contact the Program Director. Serious consideration will be given to applicants who are deficient in any of these categories, providing the deficiency can be remedied with reasonable accommodation.

## Required Courses

The total number of students accepted into the program is determined by the number of available clinical education positions. Courses outlined below are necessary for completion of the program, and are applied toward requirements for the Associate in Science degree with a major in Radiologic Technology. Students are advised by department faculty to determine the specific sequence in which the following courses must be taken.

Prerequisite courses for entrance into the Radiologic Technology Program are: Anatomy 1, English 101 or 28, Mathematics 115 or higher, and Physiology 1, Radiologic Technology 100, 101, and 102.

Note: Class scheduling restricts the completion of this program to the day courses.

| COURSES                         | UNITS |
|---------------------------------|-------|
| Radiologic Technology 103 ..... | 4     |
| Radiologic Technology 104 ..... | 4     |
| Radiologic Technology 105 ..... | 3     |
| Radiologic Technology 106 ..... | 3     |
| Radiologic Technology 107 ..... | 3     |
| Radiologic Technology 110 ..... | 2     |
| Radiologic Technology 140 ..... | 3     |

## CLINICAL EXPERIENCE

|                                 |    |
|---------------------------------|----|
| Radiologic Technology 160 ..... | 4  |
| Radiologic Technology 180 ..... | 12 |
| (Summer Session)                |    |
| Radiologic Technology 180 ..... | 24 |
| (Fall and Spring)               |    |

**Total Units** ..... 62

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### **RADIOLOGIC TECHNOLOGY 100**

#### **Introduction to Radiologic Technology**

##### **1 UNIT - (A)**

(Open to all students) An introduction course for students interested in a career in Radiologic Technology. The role of the Radiographer and career advancement are emphasized. Students interested in taking advanced classes in Radiologic Technology must successfully complete RT 100 and RT 101. Clinical education centers will be visited.

### **RADIOLOGIC TECHNOLOGY 101**

#### **Medical Terminology for Radiologic Technology**

##### **1 UNIT - (A)**

Advisory: English 28/31 or equivalent.

Open to all students.

This course is designed to introduce the student to the medical terminology used in the field of Radiologic Technology.

### **RADIOLOGIC TECHNOLOGY 102**

#### **Image Recording and Film Processing**

##### **3 UNITS - (A)**

Prerequisite: Completion of English 28 or 101, Math 115 or higher.

Completion of, or enrollment in RT 100 and RT 101

Provides a student with the basic knowledge of the phenomenon of electromagnetic radiation and the production of x-radiation. The techniques of film processing are thoroughly explained. Basic Radiation protection is introduced. Laboratory experience is provided. Students interested in taking advanced classes in Radiologic Technology must successfully complete RT 102.

### **RADIOLOGIC TECHNOLOGY 103**

#### **Radiographic Anatomy and Positioning - Skeletal System**

##### **4 UNITS - (A)**

Prerequisite: Radiologic Technology 101 with a satisfactory grade. Admission to the Radiologic Technology Program.

Advisory: English 28/31 or equivalent.

This course consists of radiographic anatomy, positioning and selected pathology of the musculoskeletal system. Laboratory experience is included.

### **RADIOLOGIC TECHNOLOGY 104**

#### **Radiographic Anatomy and Positioning - Cranium and Visceral Organs**

##### **4 UNITS - (A)**

Prerequisite: Radiologic Technology 103 with a satisfactory grade.

Advisory: English 28/31 or equivalent.

This course consists of radiographic anatomy, positioning and selected pathology of the visceral organs and cranium. Laboratory experience is provided.

### **RADIOLOGIC TECHNOLOGY 105**

#### **Fundamentals of X-ray Physics**

##### **3 UNITS - (A)**

Prerequisite: Radiologic Technology 102 with a satisfactory grade. Admission to the Radiologic Technology Program.

Advisory: English 28/31 or equivalent.

This course provides understanding of the basic physical principles of x-ray generation. Emphasis is placed on the electrical circuitry of radiographic

equipment. Interactions between x-ray radiation and matter is explained, providing an understanding of the principles that govern radiographic technique and quality.

### **RADIOLOGIC TECHNOLOGY 106**

#### **Radiographic Exposure**

##### **3 UNITS - (A)**

Prerequisite: Radiologic Technology 105 with satisfactory grade.

Advisory: English 28/31 or equivalent.

This course is an investigation of the factors that affect radiographic exposure. Laboratory experience is provided. Included in this course is an introduction to computers and their applications in diagnostic medical imaging.

### **RADIOLOGIC TECHNOLOGY 107**

#### **Patient Care and Management**

##### **3 UNITS - (A)**

Prerequisite: Radiologic Technology 101 with satisfactory grade. Admission to the Radiologic Technology Program.

Advisory: English 28/31 or equivalent.

This course emphasizes the principles of patient care management for radiographers. Routine and emergency care procedures will be described. The role of the Radiographer in patient education will be explained. Laboratory experience is included.

### **RADIOLOGIC TECHNOLOGY 110**

#### **Radiographic Mathematics**

##### **2 UNITS - (A)**

Prerequisite: Radiologic Technology 102 with satisfactory grade. Admission to the Radiologic Technology Program.

Advisory: English 28/31 or equivalent.

This course emphasizes the principles of mathematics encountered in Radiologic Technology. This course complements Radiologic Technology 105 and Radiologic Technology 106.

### **RADIOLOGIC TECHNOLOGY 140**

#### **Radiation Protection and Biology**

##### **3 UNITS - (A)**

Prerequisite: Radiologic Technology 105 with satisfactory grade. Admission to the Radiologic Technology Program.

Advisory: English 28/31 or equivalent.

The course is designed for persons working with radiation and for those preparing to take the State and National Certification examinations. The potential hazards associated with the use of and the protective measures necessary to reduce radiation exposure to patients and personnel are stressed.

### **RADIOLOGIC TECHNOLOGY 160**

#### **Introduction to Clinical Education**

##### **4 UNITS - (A)**

Prerequisite: Radiologic Technology 103 with a satisfactory grade or equivalent.

Advisory: English 28/31 or equivalent with satisfactory grade.

This is the beginning course in the clinical education phase of the program. The student is assigned 16 hours per week in a Clinical Education Center.

### **RADIOLOGIC TECHNOLOGY 180**

#### **Clinical Education in Radiologic Technology**

##### **12 UNITS - (RPT 2) (A)**

Prerequisite: Radiologic Technology 160 with satisfactory grade.

Advisory: English 28/31 or equivalent.

Students are assigned to a Clinical Education Center for 40 hours per week. They perform all duties of a radiographer under the direction of a Clinical Education Instructor. Students are dismissed from the clinical site to return to the campus to attend regular classes in late afternoon and evening. Students are evaluated on a credit/no credit basis.



**Chairs: Greg Gonsalves, Life Science**  
**(323) 953-4000 ext. 2796 • LS204**

[www.lacitycollege.edu/academic/departments/lifesci/index.html](http://www.lacitycollege.edu/academic/departments/lifesci/index.html)

**Sonia Juan, Physics/Astronomy**  
**(323) 953-4000 ext. 2922 • FH209B**

[www.lacitycollege.edu/academic/departments/physics/physics.htm](http://www.lacitycollege.edu/academic/departments/physics/physics.htm)

**Elaine Carter, Chemistry**  
**(323) 953-4000 ext. 2600 • Chem105A**

[www.lacitycollege.edu/academic/departments/chemistry/chem.html](http://www.lacitycollege.edu/academic/departments/chemistry/chem.html)

## PROGRAMS OFFERED

Associate of Science:

Chemistry  
 Physics

Other Courses:

Anatomy  
 Astronomy  
 Biology  
 Earth Science  
 Geography  
 Geology  
 Meteorology  
 Microbiology  
 Oceanography  
 Physical Science  
 Physiology

## COURSE DESCRIPTIONS

| COURSES         | REFER TO THE FOLLOWING SECTION |
|-----------------|--------------------------------|
| Anatomy .....   | BIOLOGY                        |
| Astronomy ..... | PHYSICS / ASTRONOMY            |
| Biology .....   | BIOLOGY                        |
| Chemistry ..... | CHEMISTRY                      |

|                        |                     |
|------------------------|---------------------|
| Earth Science .....    | EARTH SCIENCE       |
| Geography .....        | EARTH SCIENCE       |
| Geology .....          | EARTH SCIENCE       |
| Meteorology .....      | EARTH SCIENCE       |
| Microbiology .....     | BIOLOGY             |
| Oceanography .....     | EARTH SCIENCE       |
| Physics .....          | PHYSICS / ASTRONOMY |
| Physical Science ..... | PHYSICAL SCIENCE    |
| Physiology .....       | BIOLOGY             |



**Chair: Mattie Moon**  
**(323) 953-4000 ext. 2955 • FH102C**

[www.lacitycollege.edu/academic/departments/socsci/index.html](http://www.lacitycollege.edu/academic/departments/socsci/index.html)

## PROGRAMS OFFERED

Associate of Arts:  
 Latin-American Studies

Other Courses:

Economics  
 History  
 Sociology

## DEGREE PROGRAM

### LATIN-AMERICAN STUDIES

**Associate of Arts Degree**  
**Transfer/Career Program**

The following curriculum, designed by the Social Science department, may be used as undergraduate preparation for a major or minor in Latin-American Studies. The program is listed in a four-semester sequence as a matter of convenience to the student.

| COURSES               | UNITS |
|-----------------------|-------|
| <b>First Semester</b> |       |
| Spanish 1 .....       | 5     |
| History 11 .....      | 3     |
| English 101 .....     | 3     |

## Second Semester

|                           |   |
|---------------------------|---|
| Spanish 2 .....           | 5 |
| History 12 .....          | 3 |
| Political Science 1 ..... | 3 |

## Third Semester

|                           |   |
|---------------------------|---|
| Spanish 3 .....           | 5 |
| Spanish 10 .....          | 3 |
| Political Science 2 ..... | 3 |
| History 1 or 2 .....      | 3 |
| History 5 .....           | 3 |

## Fourth Semester

|                           |   |
|---------------------------|---|
| Spanish 4 .....           | 5 |
| Political Science 7 ..... | 3 |
| History 6 .....           | 3 |

Total Units ..... 50

Suggested Electives: Anthropology 101; Economics 1; Geography 2; History 11, 12; Music 111; Philosophy 1 or 2; Spanish 8.

Students may select "PLAN A" or "Plan B" general education requirements to graduate.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3-6 Units | English Composition                                                   |
| 6-9 Units | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 9 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

(Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### ECONOMICS 1

#### Principles of Economics I 3 UNITS – (UC:CSU)

Advisory: English 28/31 or equivalent.

A course in microeconomics introducing the principles and methods of economic analysis, economic institutions, and issues of economic policy. Emphasis is placed upon production and the allocation of economic resources, and distribution of income through the private enterprise price system.

### ECONOMICS 2

#### Principles of Economics II 3 UNITS – (UC:CSU)

Advisory: English 28/31 or equivalent.

A course in macroeconomics emphasizing aggregative economic analysis, including money and banking, national income determination, business fluctuations, and other topics relevant to macroeconomic analysis.

### HISTORY 1

#### Introduction to Western Civilization I 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

A study of the main cultural, economic and political trends and events from the rise of civilization in the Near East to the eve of the French Revolution.

### HISTORY 2

#### Introduction to Western Civilization II 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

A continuation of History I focusing on the period from the French Revolution to the present.

### HISTORY 5

#### History of the Americas I 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

Covers pre-Columbian civilizations, the discovery and eventual European conquest, exploration, and colonization of the New World and the pre-independence movements. It will detail the cultural characteristics of the people of the Caribbean, the Aztecs, Maya, Inca and Brazilian civilizations, the early, middle, and mature colonial periods, the enlightenment and U.S. and French independence movements. U.S. political institutions will also be covered.

### HISTORY 6

#### History of the Americas II 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

This course will cover the Independence, national and modern periods of Latin American history (1800-present) in general, and specifically, the Enlightenment era of Europe, and the U.S. and French Revolutions. It will detail the socio-political and economic processes of the new nations. The 19th century conflicts with the U.S. and will focus on the national building era. It will culminate with the modern era, 20th century and Reform or Revolution of the area.

### HISTORY 8

#### History of the American West 3 UNITS - (UC:CSU)

Advisory: English 28/31 or equivalent.

This course will trace the development of the American West from the 1600's (Spanish exploration) through the 20th century. Emphasis will be placed on the multi-cultural settlement of the region. Students will complete assignments via the internet including panel discussions, and web searches.

## **HISTORY 11**

### **Political and Social History of the United States I 3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Meets the Associate of Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government.

A survey of the political, social and constitutional history of the United States from the colonial settlements through the Civil War.

UC limit: Credit allowed for only one of African-American Studies 4 or History 11 or Chicano Studies 7.

## **HISTORY 12**

### **Political and Social History of the United States II 3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Meets the Associate of Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government.

A survey of the political and social history of the United States from the Reconstruction to the 20th Century, including the U.S. Constitution, California State and Local Government.

UC limit: Credit allowed for only one of History 12, 13 or African-American Studies 5, or Chicano Studies 8.

## **HISTORY 13**

### **The United States in the Twentieth Century 3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Meets the Associate of Arts degree requirements in U.S. History, U.S. Constitution, and California State and Local Government.

A survey of the major foreign and domestic policies of the United States in the twentieth century.

## **SOCIOLOGY 1**

### **Introduction to Sociology 3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

An introductory course acquaints students with the major principles of sociology as they are applied to contemporary social problems.

## **SOCIOLOGY 2**

### **American Social Problems 3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course involves the identification and analysis of contemporary social problems. It is concerned with problems in human relationships and social institutions. Among the contemporary social problems studied in the course are racism, sexism, crime, poverty, and family disorganization.

## **SOCIOLOGY 11**

### **Ethnic and Racial Minorities in the United States 3 UNITS - (UC:CSU)**

This course analyzes the nature, causes and consequences of prejudice and discrimination. Strategies for reducing prejudice and discrimination will also be examined.



## **SPEECH**

**Chair: Jeanne Dunphy  
(323) 953-4000 ext. 2967 • CC190**

## **PROGRAMS OFFERED Courses Only - No Degree/Certificate**

## **COURSE DESCRIPTIONS**

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### **SPEECH 61**

#### **Speech Clinic 1 UNIT - (RPT 3) NDC**

Advisory: Speech Communication 113 with a satisfactory grade and English 28/31 or equivalent.

Helps students with speech disabilities such as stuttering, misarticulation (including lisping), voice disorders, acquired brain injury, cleft palate, etc. Helps advanced ESL students with pronunciation problems and English speakers with regional dialects. Improvements made through group and individual training and practice.

### **SPEECH 62**

#### **Speech Clinic Techniques 1 UNIT - (RPT 3) NDC**

Advisory: Speech Communication 111 and completion of Learning Skills 24A which may be taken concurrently with Speech 62.

Students learn techniques and strategies of assisting the instructor(s) in the class Speech 61 – the Speech Clinic) strategies include listening and providing feedback on speech clarity, prosody and oral expression in structured and conversational exercises.

### **SPEECH 65**

#### **Communication Skills 3 UNITS - NDC**

Advisory: ESL students: Speech Communication 113 and English 28/31 or an appropriate placement score.

Preparation for Speech Communication 101.

Instruction in the basics of vocal production, public speaking and listening.

Develops the skills needed in everyday spoken communication.

May not be taken concurrently with Speech Communication 101 or any other transferable speech class.

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## **SPEAKING ENGLISH AS A SECOND LANGUAGE**

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### **SPEECH 71 (ESL 4C)**

#### **Listening and Speaking**

#### **3 UNITS – NDC**

Prerequisite: ESL 3C with a satisfactory grade or appropriate ESL placement score.

A level four course. For persons who use English as their second language. Stresses the most common words in English, their pronunciation and usage. Develops skill in basic spoken English communication. Concurrent enrollment in ESL 4A and 4B. May not be taken concurrently with any other speech class.

### **SPEECH 72 (ESL 5C)**

#### **Listening and Speaking**

#### **3 UNITS – NDC**

Advisory: Completion of Speech 71, or appropriate ESL placement score and concurrent enrollment in ESL 5A and 5B.

A level five course for students with a foreign language background to improve speaking and listening skills in basic English. Intonation, inflection and rhythm of English will be stressed.

May not be taken concurrently with any other speech class.

### **SPEECH 73 (ESL 6C)**

#### **Listening and Speaking**

#### **3 UNITS - NDC**

Advisory: Speech Communication 72 or appropriate ESL placement score and concurrent enrollment in ESL 6A.

An intensive course for persons who use English as a second language who may have adequate reading and grammatical skills but need more help with articulation, pronunciation and oral composition.

May not be taken concurrently with any other speech class.

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## **TRANSFER COURSES**

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### **SPEECH 101**

#### **Oral Communication I**

#### **3 UNITS - (UC:CSU)**

Prerequisite: English 28/31 or appropriate score on the College Placement Test with a satisfactory grade or equivalent.

Advisory: ESL students are strongly advised to complete Speech 113 and 111 with a satisfactory grade or better.

Instruction in the principles, practice, and delivery of effective original speech composition.

### **SPEECH 102**

#### **Oral Communication II**

#### **3 UNITS - (UC:CSU)**

Prerequisite: Speech Communication 101 or equivalent and English 101.

Advanced training in the principles and practices of effective original speech composition and delivery, focusing on advanced forms and styles of public speaking.

### **SPEECH 104**

#### **Argumentation 1**

#### **3 UNITS - (UC:CSU)**

Prerequisite: Speech Communication 101 or equivalent with a satisfactory grade.

Advisory: English 101.

A study of the theory and uses of argumentation and critical thinking, including research and use of evidence and reason. Application of critical thinking skills to construct and analyze oral and written arguments. Meets AA degree and transfer requirements in critical and analytic thinking.

### **SPEECH 106**

#### **Forensics**

#### **2 UNITS - (RPT 3) (CSU)**

Preparation for and participation in intercollegiate competition in policy debate and various individual speaking events.

### **SPEECH 111**

#### **Voice and Articulation**

#### **3 UNITS - (CSU)**

Advisory: ESL students: English 28/31 or equivalent, and Speech Communication 113 with a satisfactory grade or better.

A study of the best use of the speech anatomy as it relates to the sound system of American English, vocal expression and flexibility. Stresses oral performances in a variety of situations.

### **SPEECH 113**

#### **English Speech as a Second Language**

#### **3 UNITS - (RPT 1) (CSU)**

Advisory: Speech 73 or equivalent or appropriate ESL placement score.

For students with non-English language backgrounds. Stresses speaking of standard American spoken English, pronunciation, diacritics and/or phonetics, dictionary use, idiomatic expressions, phraseology, rhythm, inflection, vocabulary building, and oral composition.

### **SPEECH 121**

#### **The Process of Interpersonal Communication**

#### **3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent. ESL students should have taken Speech Communication 113 with a satisfactory grade.

Provides informal speaking situations which take place when two to five people talk. Covers self concept, feedback, perception, verbal and non-verbal communication, and listening. Communication barriers and break-downs studied. Classroom experimentation and exercises provide understanding and awareness of the skills necessary for successful interpersonal communication.

### **SPEECH 130**

#### **Introduction to Oral Interpretation of Literature**

#### **3 UNITS - (UC:CSU)**

Advisory: English 101 or equivalent and Speech Communication 101 with a satisfactory grade.

Oral interpretation of the printed word. Stresses techniques of discovering a published author's meanings and expressing those meanings to an audience through reading aloud. Of special value to those whose occupation will involve reading aloud to others: Broadcasting, Education, Recreation and Speech Communication majors.

UC accepts only one of Speech Communication 130 or Theatre 210.

Meets both AA Degree and CSU Transfer requirements in Humanities.

### **SPEECH 185 Directed Study - 1 UNIT (CSU)**

### **SPEECH 285 Directed Study - 2 UNITS (CSU)**

### **SPEECH 385 Directed Study - 3 UNITS (CSU)**

Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor.

Prerequisite: 2.5 grade point average and at least 6 units of transferable Speech Communication courses and approval of the project.  
 Refer to the "Directed Study" section of this catalog for additional information.  
 Credit Limit: A maximum of 3 units in Directed Study may be taken for credit.



**Chair: Fred Fate**  
**(323) 953-4000 ext. 2971 • TA208**

[http://theatre\\_academy.lacitycollege.edu/](http://theatre_academy.lacitycollege.edu/)

## PROGRAMS OFFERED

**Associate of Arts:**  
 Theater, General  
 Acting  
 Advanced Acting  
 Technical Theater  
 Costuming

**Theatre Academy:**  
 Acting  
 Advanced Acting  
 Technical Theater  
 Costuming

There are two types of programs offered for students interested in majoring in Theater:

- Associate of Arts Degree Program. This program is designed for students who wish to pursue an Associate of Arts degree in Theater and then transfer to an undergraduate university or college.
- Theatre Academy Professional Theatre Training Program. This nationally recognized conservatory is a vocational skill certificated, professional theater-training program for students specializing in acting, technical theater, and costuming who wish to move directly into the profession upon completion of their training.

Note that some courses offered may be offered every other semester, or less frequently. Students must receive a satisfactory grade in all Theater courses taken and have completed those courses within eight years, to meet requirements.

## DEGREE PROGRAM

### GENERAL THEATER (FOR NON-ACADEMY APPLICANTS)

Students studying in the Theater Department who are not part of the Theatre Academy fall into four categories:

1. Those who are satisfying their elective and/or humanities requirements for the Associate of Arts degree;
2. Those who are currently in the entertainment industry and are interested in focusing on a specific course that will further strengthen their understanding of the craft and how it may apply to their profession;
3. Those who are interested in receiving an Associate of Arts Degree and then transferring to an undergraduate university or college (PLAN A – See below);
4. Those who are interested in receiving a career program Associate of Arts Degree and not transferring to a university or college (PLAN B – See below)

### THEATER

#### Associate of Arts Degree (Plan A) Transfer Program

A student must satisfy an 18-unit minimum requirement in the Theater major plus general education units equalling an additional 60-64 units, minimum, in order to receive a transferable Associate of Arts degree in Theater. No specific combination of classes in Theater is required.

The following Theater program is strongly recommended for students interested in a transferable Associate of Arts Degree ("PLAN A").

| COURSES                  | UNITS     |
|--------------------------|-----------|
| <b>First Semester</b>    |           |
| Theater 100 .....        | 3         |
| Theater 105 .....        | 1         |
| Theater 200 .....        | 3         |
| <b>Second Semester</b>   |           |
| Theater 105 .....        | 1         |
| Theater 271 .....        | 2         |
| Theater 300 .....        | 3         |
| <b>Third Semester</b>    |           |
| Theater 105 .....        | 1         |
| Theater 110 .....        | 3         |
| Theater 273 .....        | 2         |
| Theater 400 .....        | 3         |
| <b>Fourth Semester</b>   |           |
| Theater 105 .....        | 1         |
| Theater 273 .....        | 2         |
| Theater 450 .....        | 2         |
| <b>Total Units</b> ..... | <b>25</b> |

Entrance requirements to the transferring university or college will vary depending upon the individual institution. Students need to consult with a counselor for the specific requirements of the university being considered.

To complete general education requirements in this area of study, Plan A for the AA/AS Degree is required.

**PLAN A:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan A is designed for transfer to a four-year college or university. However, requirements vary depending upon the individual institution. Please consult with a counselor for the specific requirements of the university you plan to attend.

- 3-6 Units English Composition
  - 6-9 Units Communication/Analytical Thinking
  - 3 Units Natural Sciences
  - 3 Units Humanities
  - 9 Units Social/Behavioral Sciences (including American History & Governments)
  - 3-4 Units Health/Physical Education
  - 3-5 Units Math Competency
- (Math 115 or higher or passing score on Los Angeles Community College District Math competency exam)

## THEATRE ACADEMY

### PROFESSIONAL THEATRE CONSERVATORY FOR ACTORS, SCENIC TECHNICIANS, AND COSTUMERS

#### Associate of Arts Degree (Plan B)

##### Career Programs

Professional theater training is offered in four areas, or options, of concentration: Acting, Advanced Acting, Costuming, and Technical Theatre. By adding General Education classes to their studies, students may earn an Associate of Arts Degree "PLAN B". Students may also earn a skill certificate in the option areas (refer to the Theatre Academy Skill Certificate section below for details).

The Theatre Academy at Los Angeles City College has firmly established itself as one of the best-known and most highly respected professional theater training institutions in the United States. Since its founding in 1929, the training program of the Academy has been dedicated to developing the skills, crafts, and attitudes of students to prepare them for careers in the professional theater.

The Theatre Academy is dedicated to the training of talented, serious students who wish to pursue a career in the professional theatre. All prospective Academy students are required to apply for admission to the Theatre Academy (Theatre Production Office, Theatre Building 208). All candidates are required to audition and/or interview before being invited to train at the Academy. Those interested in training at the Academy should call the Theatre Production Office (323) 953-4000 ext. 2990 to set up an audition/interview.

The training that Theatre Academy students receive is stimulating, broadening, exacting, and intense. A limited number of openings are available each Fall and Spring semester to those students who are highly motivated, aggressive, exceptionally talented, and responsible.

Information concerning audition/interview requirements is available in the Theatre Production Office of the Theatre Department. Any actor interested in pursuing training at the Theatre Academy must exhibit competence in spoken English, relatively free of dialects and regional accents, so that faulty understanding or articulation does not become a hindrance in the training.

All prospective Acting majors must consult with a member of the faculty before auditioning. Prospective Technical and Costume majors must consult with a faculty member in the appropriate area of interest within the Academy.

**BLOCK SCHEDULING:** The Theatre Academy is a full-time professional theatre conservatory that schedules classes in a "block" configuration; that is,

students are given a specific and required full-time load of courses that are to be taken each semester. Students are not to vary the courses in each semester's block schedule without approval of the department. When time permits, students are welcome to take other coursework outside the Academy class structure.

### THEATRE ACADEMY OPTION I: ACTING

#### Associate of Arts Degree (Plan B)

##### Career Program

This two-year program is a full-time exploration of the skills necessary to compete in theatre, television, film, and other aspects of the entertainment industry. Guided by a critically acclaimed faculty with a vast range of experience in the industry, the students are provided fundamental skill understanding in acting, movement, voice, speech, character analysis, dialects, and production. Upon satisfactory completion of the program, the students will have developed a respect and appreciation for all aspects of theatre, along with the ability to create a character on stage and to sustain a performance in front of an audience.

| COURSES                         | UNITS |
|---------------------------------|-------|
| <b>First Semester</b>           |       |
| Theater 100 .....               | 3     |
| Theater 105 .....               | 1     |
| Theater 242 .....               | 3     |
| Theater 270 .....               | 3     |
| Theater 345 .....               | 2     |
| Theater 345 .....               | 2     |
| Theater 346 .....               | 0     |
| <i>One of the following two</i> |       |
| Theater 277 .....               | 3     |
| Theater 302 .....               | 3     |
| <b>Second Semester</b>          |       |
| Theater 105 .....               | 1     |
| Theater 240 .....               | 3     |
| Theater 242 .....               | 3     |
| Theater 272 .....               | 2     |
| Theater 302 .....               | 3     |
| Theater 345 .....               | 2     |
| Theater 346 .....               | 0     |
| Theater 450 .....               | 2     |
| <i>One of the following two</i> |       |
| Theater 277 .....               | 3     |
| Theater 302 .....               | 3     |
| <b>Third Semester</b>           |       |
| Theater 105 .....               | 1     |
| Theater 242 .....               | 3     |
| Theater 243 .....               | 2     |
| Theater 274 .....               | 3     |
| Theater 294 .....               | 2     |
| Theater 295 .....               | 0     |
| English 216 .....               | 3     |
| <i>One of the following two</i> |       |
| Theater 110 .....               | 3     |
| English 216 .....               | 3     |

**Fourth Semester**

|                                 |   |
|---------------------------------|---|
| Theater 105 .....               | 1 |
| Theater 242 .....               | 3 |
| Theater 243 .....               | 2 |
| Theater 262 .....               | 2 |
| Theater 274 .....               | 3 |
| Theater 294 .....               | 2 |
| Theater 295 .....               | 0 |
| <i>One of the following two</i> |   |
| Theater 110 .....               | 3 |
| English 216 .....               | 3 |

**Total Units** ..... 70

Some students may be advised to take additional prerequisites or co-requisite courses beyond those required to ensure success in the program. Others may be excused from specific courses above based on previous training and/or experience. Any other changes than those stated above are made with the advice and consent of the Theatre Academy faculty.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**THEATRE ACADEMY OPTION II – ADVANCED ACTING  
Associate of Arts Degree (Plan B)  
Career Program**

After successfully completing two years of professional actor training at the Theatre Academy, a select number of students are invited to a third year of specialized training where they receive advanced coursework in theatre orientation, directing, acting for the camera, rehearsal and performance, scene study, and work in classical acting. Students who complete this special third year of training are fully prepared to enter the acting field a step above many professional actors in the industry today. Audition and cold reading techniques, resume preparation and career marketing are only a few of the skills provided that will better equip the Academy graduate to work in the highly competitive fields of theatre, film, and television.

| <b>COURSES</b>        | <b>UNITS</b> |
|-----------------------|--------------|
| <b>Fifth Semester</b> |              |
| Theater 185 .....     | 1            |
| Theater 205 .....     | 2            |
| Theater 225 .....     | 3            |
| Theater 275 .....     | 3            |
| Theater 276 .....     | 3            |
| Theater 294 .....     | 2            |
| Theater 295 .....     | 0            |

**Sixth Semester**

|                   |   |
|-------------------|---|
| Theater 185 ..... | 1 |
| Theater 205 ..... | 2 |
| Theater 262 ..... | 2 |
| Theater 275 ..... | 3 |
| Theater 276 ..... | 3 |
| Theater 285 ..... | 2 |
| Theater 294 ..... | 2 |
| Theater 295 ..... | 0 |

**Total Units** ..... 30

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**THEATRE ACADEMY OPTION III – COSTUMING  
Associate of Arts Degree (Plan B)  
Career Program**

The Theatre Academy's program in Theatrical Costuming trains costumers and designers through a broad-based theatre curriculum with continual reference to the requirements and differences of television, video, and film costuming. The hands-on curriculum guides the student through methods of costume construction, procedures for handling theatrical wardrobe and organizational techniques, analyzing scripts from a costume perspective, dealing with costuming emergencies, and understanding Director/Designer relationships. This hands-on program stresses shop discipline, organization, maintenance, and procedures. The final two semesters of study focus on the student's individual interests and talents, including the development of a portfolio, the design of an Academy production, or internship at one of the Los Angeles theatres.

| <b>COURSES</b>                  | <b>UNITS</b> |
|---------------------------------|--------------|
| <b>First Semester</b>           |              |
| Theater 100 .....               | 3            |
| Theater 105 .....               | 1            |
| Theater 425 .....               | 2            |
| Theater 426 .....               | 0            |
| Art 101 .....                   | 3            |
| Theater 415 .....               | 3            |
| Theater 416 .....               | 3            |
| <i>One of the following two</i> |              |
| Theater 400 .....               | 3            |
| Theater 413 .....               | 3            |
| <b>Second Semester</b>          |              |
| Theater 105 .....               | 1            |
| Theater 425 .....               | 2            |
| Theater 426 .....               | 0            |
| Theater 450 .....               | 3            |

|                                 |   |
|---------------------------------|---|
| Art 102 .....                   | 3 |
| Art 501 .....                   | 3 |
| Theater 415 .....               | 3 |
| Theater 416 .....               | 3 |
| <i>One of the following two</i> |   |
| Theater 400 .....               | 3 |
| Theater 413 .....               | 3 |

**Third Semester**

|                                 |   |
|---------------------------------|---|
| Theater 105 .....               | 1 |
| Theater 200 .....               | 3 |
| Theater 425 .....               | 2 |
| Theater 426 .....               | 0 |
| Art 201 .....                   | 3 |
| Theater 415 .....               | 3 |
| Theater 416 .....               | 3 |
| <i>One of the following two</i> |   |
| Theater 400 .....               | 3 |
| Theater 413 .....               | 3 |

**Fourth Semester**

|                                 |   |
|---------------------------------|---|
| Theater 105 .....               | 1 |
| Theater 110 .....               | 3 |
| Theater 300 .....               | 3 |
| Theater 425 .....               | 2 |
| Theater 426 .....               | 0 |
| Theater 415 .....               | 3 |
| Theater 416 .....               | 3 |
| <i>One of the following two</i> |   |
| Theater 400 .....               | 3 |
| Theater 413 .....               | 3 |

**Total Units** ..... 52

Students are required to take Computer Science Information Technology 101 or Computer Technology 1, or be able to demonstrate computer proficiency to the satisfaction of the Costuming faculty.

Suggested Electives: Students qualified to take more than the prescribed units should take CAOT 1, 2; Art 202.

To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.

**PLAN B:** Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| 3 Units   | English Composition                                                   |
| 3 Units   | Communication/Analytical Thinking                                     |
| 3 Units   | Natural Sciences                                                      |
| 3 Units   | Humanities                                                            |
| 3 Units   | Social/Behavioral Sciences (including American History & Governments) |
| 3-4 Units | Health/Physical Education                                             |
| 3-5 Units | Math Competency                                                       |

**THEATRE ACADEMY OPTION IV – TECHNICAL THEATRE Associate of Arts Degree (Plan B)**

**Career Program**

The Technical Theatre Training program graduates highly trained and specialized scenic technicians who have learned a sound working knowledge of their craft and a respect for the skills and technologies associated with their chosen profession. The Technical Theatre Training program at LACC is one of the most unique hands-on programs of its kind in the country, with faculty working alongside students who are specifically interested in the disciplines and craft related to the stage technician. The cutting edge technologies being taught on state-of-the-art equipment are some of the most advanced in the theater training industry. The curriculum combines classroom study with the intense hands-on experience associated with the Academy's rigorous play production schedule.

**COURSES** **UNITS**

**First Semester**

|                   |   |
|-------------------|---|
| Theater 100 ..... | 3 |
| Theater 105 ..... | 1 |
| Theater 335 ..... | 2 |
| Theater 336 ..... | 0 |
| Theater 314 ..... | 3 |
| Theater 315 ..... | 3 |

*One of the following two*

|                   |   |
|-------------------|---|
| Theater 311 ..... | 3 |
| Theater 313 ..... | 3 |

**Second Semester**

|                   |   |
|-------------------|---|
| Theater 105 ..... | 1 |
| Theater 325 ..... | 3 |
| Theater 335 ..... | 2 |
| Theater 336 ..... | 0 |
| CAOT 60 .....     | 3 |
| Theater 313 ..... | 3 |
| Theater 314 ..... | 3 |
| Theater 315 ..... | 3 |

*One of the following two*

|                   |   |
|-------------------|---|
| Theater 336 ..... | 0 |
| Theater 311 ..... | 3 |

**Third Semester**

|                   |   |
|-------------------|---|
| Theater 105 ..... | 1 |
| Theater 325 ..... | 3 |
| Theater 335 ..... | 2 |
| Theater 336 ..... | 0 |
| Theater 313 ..... | 3 |
| Theater 314 ..... | 3 |
| Theater 315 ..... | 3 |

*One of the following two*

|                   |   |
|-------------------|---|
| Theater 336 ..... | 0 |
| Theater 311 ..... | 3 |

**Fourth Semester**

|                   |   |
|-------------------|---|
| Theater 105 ..... | 1 |
| Theater 110 ..... | 3 |
| Theater 185 ..... | 1 |
| Theater 335 ..... | 2 |
| Theater 336 ..... | 0 |

|                                 |           |
|---------------------------------|-----------|
| Theater 313 .....               | 3         |
| Theater 314 .....               | 3         |
| Theater 315 .....               | 3         |
| <i>One of the following two</i> |           |
| Theater 336 .....               | 0         |
| Theater 311 .....               | 3         |
| <b>Total Units</b> .....        | <b>40</b> |

Students are required to take Theater 200 and Computer Science 101 or Computer Technology 1, or be able to demonstrate computer proficiency to the satisfaction of the Scenic Technologies faculty. These courses must be taken between the Second and Fourth semesters.

Suggested Electives: Students qualified to take more than the prescribed units should take Theater 105; Art 101, 102, 209, 501.

- To complete general education requirements in this area of study, Plan B for the AA/AS Degree is required.
- PLAN B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.
- 3 Units English Composition
  - 3 Units Communication/Analytical Thinking
  - 3 Units Natural Sciences
  - 3 Units Humanities
  - 3 Units Social/Behavioral Sciences (including American History & Governments)
  - 3-4 Units Health/Physical Education
  - 3-5 Units Math Competency

## CERTIFICATE PROGRAM

### THEATRE ACADEMY SKILL

Los Angeles City College has provided quality hands-on professional theatre training, technology, and production experience unrivaled by larger universities and performing arts academies. The Theatre Academy provides each student with the principles and techniques, discipline, organization, and dedication to training required for success in the entertainment industry. All areas of the Academy – acting, technical theatre, and costuming – are showcased each year in six to eight professional level productions. Intensive production experience is complemented by our location just minutes from Hollywood, "the entertainment capital of the world."

### PROFESSIONAL ACTOR TRAINING – LEVEL 1

#### Skill Certificate

The training introduces the student to acting fundamentals through specific movement and vocal techniques, character analysis, observation exercises, and scene study. The ultimate goal is to develop a firm foundation in basic acting skills and a strong respect and appreciation for all aspects of the theater. All training is geared toward preparing students for careers in acting and related industries.

| COURSES           | UNITS |
|-------------------|-------|
| Theater 100 ..... | 3     |
| Theater 242 ..... | 3     |
| Theater 270 ..... | 3     |
| Theater 345 ..... | 2     |
| Theater 346 ..... | 0     |

|                                 |           |
|---------------------------------|-----------|
| <i>One of the following two</i> |           |
| Theater 277 .....               | 3         |
| Theater 302 .....               | 3         |
| <b>Total Units</b> .....        | <b>14</b> |

### PROFESSIONAL TECHNICAL THEATER – LEVEL 1

#### Skill Certificate

Basic level training in equipment, procedures, principles, and techniques used in play production, construction, painting, lighting, properties, manipulation of stage scenery, special effects, and organization of stage activity. All training is geared towards preparing students for careers in technical theater and related industries.

| COURSES                          | UNITS     |
|----------------------------------|-----------|
| Theater 100 .....                | 3         |
| Theater 200 .....                | 3         |
| Theater 300 .....                | 3         |
| Theater 335 .....                | 2         |
| Theater 336 .....                | 0         |
| <i>One of the following four</i> |           |
| Theater 311 .....                | 3         |
| Theater 313 .....                | 3         |
| Theater 314 .....                | 3         |
| Theater 315 .....                | 3         |
| <b>Total Units</b> .....         | <b>14</b> |

### PROFESSIONAL COSTUMING DESIGN – LEVEL 1

#### Skill Certificate

Level 1 of the Professional Costuming program emphasizes, historic costume, costume design, wardrobing, drawing, costume shop discipline and organization, sewing and stagecraft. All training is geared towards preparing students for careers in costuming and related industries.

| COURSES                          | UNITS     |
|----------------------------------|-----------|
| Theater 105 .....                | 1         |
| Theater 425 .....                | 2         |
| Theater 426 .....                | 0         |
| Art 201 .....                    | 3         |
| <i>One of the following two:</i> |           |
| Theater 300 .....                | 3         |
| Theater 200 .....                | 3         |
| <i>One of the following five</i> |           |
| Theater 400 .....                | 3         |
| Theater 411 .....                | 3         |
| Theater 413 .....                | 3         |
| Theater 415 .....                | 3         |
| Theater 416 .....                | 3         |
| <b>Total Units</b> .....         | <b>12</b> |

## COURSE DESCRIPTIONS

NOTE: Not every class is offered each semester. Refer to the current class schedule for current class offerings.

PREREQUISITES: Specified prerequisites must be completed with a satisfactory grade or equivalent.

### **THEATER 100**

#### **Introduction to the Theatre 3 UNITS - (UC:CSU)**

Advisory: English 101 or equivalent.

A survey of the various facets that make up the composite institution that is called The Theatre. The subjects covered range from the origins of drama to the present.

Credit is given for play attendance.

### **THEATER 105**

#### **Drama Digest 1 UNITS - (RPT 3) (CSU)**

Enrollment required of Theater majors each semester of attendance.

The student's theatrical experience is enriched through the observation of regularly scheduled programs consisting of acting scenes and exercises from the various Theater classes. The basic program is augmented by the appearance of guest artists or theater groups.

### **THEATER 110**

#### **History of the World Theatre 3 UNITS - (UC:CSU)**

Advisory: English 101 or equivalent.

History of western theatre and its traditions from its primitive beginnings up to the present.

### **THEATER 200**

#### **Introduction to Acting 3 UNITS - (UC:CSU)**

Through lecture, discussion, demonstration, and limited participation exercises, the student is introduced to the art and craft of acting.

### **THEATER 205**

#### **Actor's Orientation to Professional Theatre 2 UNITS - (RPT 1) (CSU)**

Co-requisite: Theater 270.

A survival course with emphasis on the business of being a working professional actor. Covers auditions, cold readings, agents, casting directors, photos, resumes, and reviews. Includes a survey of employment opportunities in Los Angeles, New York, resident theatres, stock companies, and festivals.

### **THEATER 210**

#### **Introduction to Oral Interpretation of Dramatic Literature 3 UNITS - (RPT 1) (UC:CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

A study of the techniques of oral interpretation including phrasing, inflection, work relish, verse scansion, tempo and rhythm – designed to develop the actor's interpretive skills.

### **THEATER 225**

#### **Beginning Direction 3 UNITS - (UC:CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

A study of script analysis, casting, rehearsal scheduling, rehearsal problems and procedures, and orchestration of all production phases is made through lectures, reading assignments, class projects and the preparation of a complete director's production script.

### **THEATER 232**

#### **Play Production 2 UNITS - (RPT 3) (UC:CSU)**

### **THEATER 235**

#### **Play Production 5 UNITS - (RPT 3) (UC:CSU)**

This course is generally offered in the summer session only. The student is given an opportunity to work intensely in one or more production areas: acting, management, costuming, or technical theatre. Students must be prepared to work irregular hours.

### **THEATER 240**

#### **Voice and Articulation for the Theatre 3 UNITS - (UC:CSU)**

Credit allowed for only one of Theater 240 or Speech Communication 111.

Development of voice and speech skills, emphasizing clarity, precision, tone, dynamics and imaginative use of language. Individual goals will be set for performance and standards of improvement to help the student acquire the basics of good theatre speech.

### **THEATER 242**

#### **Voice Development Workshop 3 UNITS - (RPT 3) (CSU)**

Co-requisite: Theater 270.

Vocal quality, strength, flexibility, control, and awareness are emphasized in group and individual exercises.

### **THEATER 243**

#### **Dialects 2 UNITS - (RPT 1) (CSU)**

Specific training in the performance of regional American dialects and foreign accents most often used in the theatre.

### **THEATER 262**

#### **Special Projects 2 UNITS - (RPT 3) (CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

Advanced students are given the opportunity to plan, rehearse, stage and produce approved all student projects for presentation before student audiences. Students are required to furnish three glossy photographs—eight by ten inches in size.

### **THEATER 269**

#### **Period Movement 2 UNITS - (CSU)**

Advisory: Theater 270 or equivalent.

A study is made of the acting styles and period movement from the Greek period to Modern. Class work includes individual coaching and culminates in presentations of scenes developed in the course.

**THEATER 270****Beginning Acting  
3 UNITS - (UC:CSU)**

Co-requisite: Theater 100, 105, 242, 277, and 345.

This course introduces the student to acting fundamentals through specific movement techniques, pantomime and scene work. The ultimate goal is to develop a firm foundation in basic acting techniques and a strong respect and appreciation for all aspects of the theater. Enrollment subject to audition, see catalog.

**THEATER 271****Intermediate Acting  
2 UNITS - (UC:CSU)**

Acting principles are expanded and applied in staged scenes. The emphasis is on comprehension, translation into meaningful dramatic action, and creation. The actor's self awareness is explored and developed before a classroom audience.

**THEATER 272****Intermediate Applied Acting  
3 UNITS - (UC:CSU)**

Co-requisite: Theater 270.

The acting principles studied in Beginning Acting are expanded and applied in staged scenes.

The emphasis is on comprehension, translation into meaningful dramatic action, and creation. The actor's self awareness is explored and developed before a class-room audience.

**THEATER 273****Advanced Acting  
2 UNITS - (RPT 1) (UC:CSU)**

Prerequisite: Theater 271 with a satisfactory grade.

Scenes are studied and presented with concentration on characterization, intensity of action, freedom of emotional release, and clarity of expression.

**THEATER 274****Advanced Applied Acting  
3 UNITS - (RPT 1) (UC:CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

The student is engaged in greater in depth analysis of staged scenes. Emphasis is placed upon the rehearsal process and rehearsal techniques.

**THEATER 275****Scene Study  
2 UNITS - (RPT 3) (CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

The student is engaged in greater in-depth analysis of staged scenes. Emphasis is placed upon the rehearsal process and techniques.

**THEATER 277****Character Analysis  
3 UNITS - (RPT 1) (UC:CSU)**

Co-requisite: Theater 270.

The course covers the analytical steps involved in the study of a play and the development of a character preparatory to rehearsals and performances.

**THEATER 294****Rehearsals and Performances  
2 UNITS - (RPT 3) (UC:CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

Experience is given in the acting, directing, and producing of plays for public presentation. Students are required to furnish three glossy photographs — eight by ten inches in size.

**THEATER 295****Rehearsals and Performances Lab  
0 UNITS – (RPT 3)**

Prerequisite: Theater 294 with a satisfactory grade.

**THEATER 300****Introduction to Stagecraft  
3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

Survey of the technical phases of play production; construction, painting, lighting, properties, manipulation of stage scenery, and organization of stage activity.

**THEATER 302****Introduction To Stage Management  
3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

This course emphasizes the function of stage managers in professional theater productions. Attention is given to the understanding of the career of a stage manager's responsibilities, duties, obligations, and production coordination.

**THEATER 311****Theatrical Lighting  
3 UNITS - (UC:CSU)**

Advisory: English 28/31 or equivalent.

An investigation into the equipment, procedures, principles and techniques used in lighting the professional stage and television production. Students will be trained in the proper selection, operation, upkeep and practical use of various lighting control systems used in the development of a lighting design.

**THEATER 313****Scenic Painting for the Theatre  
3 UNITS - (CSU)**

This course will create an understanding of the basic methods, techniques, and work habits of the scenic artist. It will include training on equipment, utilization of materials, preparation of painting sequences, and application of processes.

**THEATER 314****Theatrical Sound Design: Fundamentals, Procedures and Operation  
3 UNITS – (CSU)**

Advisory: English 28/31 or equivalent.

Technical study in the theory and practices is used to set up production sound equipment and related materials utilized in a professional sound design prepared for the theatre.

**THEATER 315****Introduction to Theatrical Scenic Design  
3 UNITS - (UC:CSU)**

This course will create an understanding of the basic methods, techniques, and work habits of the set designer. It will include research, play analysis, sketching, drawing, drafting, rendering, model building, and designing.

**THEATER 325****Stage Management and Advanced Stagecraft  
3 UNITS - (RPT 3) (UC:CSU)**

Advisory: English 28/31 or equivalent.

Intensive study of all technical phases of the theatre. Major topics: scenic design, painting, lighting, construction and manipulation of stage scenery; topography and equipment of stages and auditoriums; duties of stage manager, company manager, and technical director.

**THEATER 335****Applied Stage Management and Production  
2 UNITS - (RPT 3) (UC:CSU)**

Advisory: English 28/31 or equivalent.

Practical assignments are made in technical and managerial phases of plays prepared for public presentation. Progress is graded in scene shop and stage assignments from assistant to stage manager, master carpenter, property master, master electrician, scenic artists, and set designer. Students must be available for rehearsals and performances.

**THEATER 336****Applied Stage Management Lab  
0 UNITS – (RPT 3)**

Co-requisite: Theater 294 and either Theater 274 or 276.

Having been identified and developed through the pre-production phase of the producing process, the practical assignments in the various aspects of technical theatre are further explored and refined by the students during the technical rehearsals and performances of the plays being produced. Students must be admitted into the Academy Technical Theatre Program to participate in this class.

**THEATER 345****Technical Stage Production  
2 UNITS - (RPT 3) (UC:CSU)**

This course offers practical technical experience related to the preparing and mounting of theatrical productions for a paying audience. Specific assignments will be made requiring additional hours.

**THEATER 346****Technical Stage Production Lab  
0 UNITS – (RPT 3)**

Co-requisite: Theater 345 and either Theater 270 or 272.

This course allows students currently in Theatre Arts 270, 272, and 345 to use the materials, tools, equipment, production support, production venues, and productions to enhance applicable skills necessary for success in theatre.

**THEATER 400****Costume Periods and Styles  
3 UNITS - (CSU)**

Advisory: English 28 or equivalent.

A study of the changes in dress from ancient times to the Renaissance. Social and political needs of costuming for stage, film, and television.

**THEATER 411****Costuming For The Theatre  
3 UNITS - (RPT 2) (CSU)**

Advisory: English 28/31 or equivalent.

Intensive study of the technical phases of costuming for the theater, including utilization of research techniques, individual expression through rendering, pattern and detail/accessory choices, and practical compromises for budget and adjustments to camera media.

**THEATER 413****Costume Dyeing and Painting  
3 UNITS – (A)**

Advisory: English 28/31 or equivalent.

Presents the practical application of fabric design Dyeing, tie dyeing, batik, stenciling, and screening, aging, antiquing and distressing.

**THEATER 415****Costume Design for the Theatre  
3 UNITS – (A)**

Advisory: English 28/31 or equivalent.

Beginning costume design course of theatre, TV, film and video. Plays are analyzed for costume needs and illustrated for character delineation.

**THEATER 416****Materials and Methods for the Costumer  
3 UNITS - (CSU)**

Advisory: English 28/31 or equivalent.

Lecture and laboratory study of the properties of various non textile materials used by the costumer including latex, leather, plastics, dyes, glazes, hair and wigs, and celastic.

**THEATER 425****Applied Costuming for the Theatre  
2 UNITS - (RPT 3) (CSU)**

Advisory: English 28/31 or equivalent.

Practical experience in construction and maintenance of costumes for public theatrical presentation. Emphasizing: professional wardrobe/dressing room practices, construction, alteration, maintenance, repair, cleaning and storage of costumes. Students must be available for rehearsals and performances.

**THEATER 426****Applied Costuming for the Theater Lab  
0 UNITS – (RPT 3)**

Co-requisite: Theater 425.

Having been identified and developed through the pre-production phase of the costuming processes, the practical assignments in the various aspects of costuming are further explored and refined by the students during the dress rehearsals and performances of production.

**THEATER 450****Beginning Stage Make Up  
2 UNITS - (UC:CSU)**

Principles of basic design and application of theatrical stage makeup, including: corrective, glamour, aging the face, use of facial hair pieces, designing clowns, stylized, animal characters and famous likenesses. Makeups are presented on the student's own face.

**THEATER 185 Directed Study - 1 UNITS (CSU)****THEATER 285 Directed Study - 2 UNITS (CSU)**

Prerequisite: Theater 270 with a satisfactory grade.

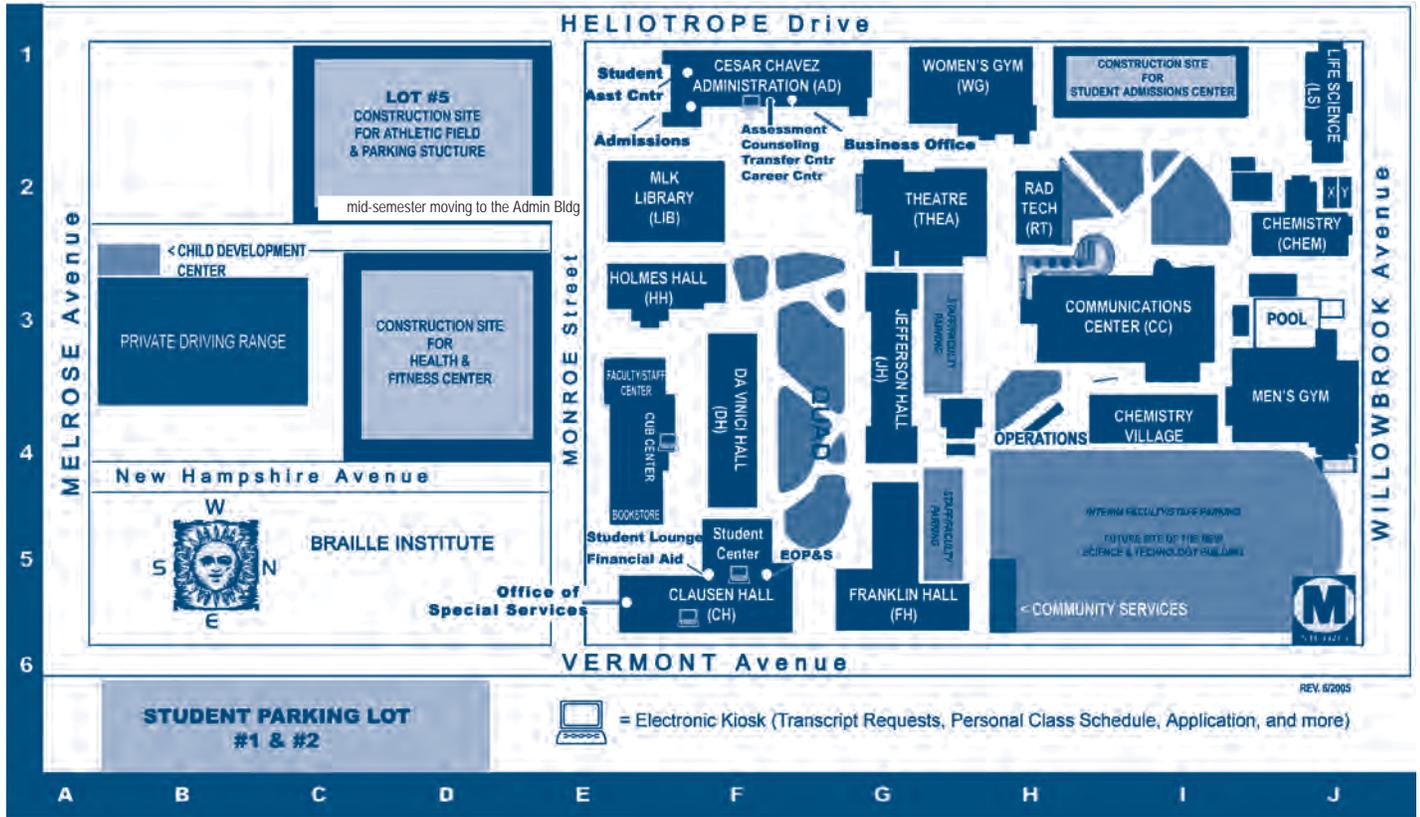
Allows students to pursue Directed Study on a contract basis under the direction of a supervising instructor. Refer to the "Directed Study" section of this catalog for additional information.

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**Inside back cover >>>>**

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# LOS ANGELES CITY COLLEGE: Campus Map



To reach a campus office, dial (323) 953-4000 + the extension listed

## CAMPUS SERVICES

|                            |                          |                    |    |
|----------------------------|--------------------------|--------------------|----|
| Sheriff's Office           | ext. 9 or (323) 662-5319 | AD 115             | G1 |
| Academic Affairs           | ext. 2052                | AD 208             | F1 |
| Admissions                 | ext. 2104                | AD 100             | F1 |
| Assessment                 | ext. 2264                | LIB                | F2 |
| Assoc Student Org (ASO)    | ext. 2475                | CH 126             | F5 |
| Bookstore                  | ext. 2140                | Bookstore          | E5 |
| Business Office            | ext. 2172                | AD 111             | G2 |
| CalWorks                   | ext. 2586                | Cub Center         | E4 |
| Career Center *            | ext. 2210                | LIB                | E2 |
| Child Dev. Cntr            | ext. 2220                | Melrose            | D4 |
| Community Services         | ext. 2650                |                    | H5 |
| Counseling                 | ext. 2250                | AD 108             | F1 |
| Cub Card Office            | ext. 2235                | AD 107             | F1 |
| Employment Dev. Dept.      | ext. 2590                | Cub Center         | E4 |
| Eng Literacy Program       | ext. 2230                | AD 100J            | F1 |
| EOP&S                      | ext. 2300                | CH 111A            | E3 |
| Financial Aid              | ext. 2010                | CH 111B            | E5 |
| Foster Care Cntr           | ext. 2335                | FH 305             | G5 |
| Health Center              | ext. 2485                | HH 2               | E3 |
| International Students     | ext. 2470                | Cub Center         | E4 |
| Learning Skills Center     | ext. 2770                | LIB 103A           | F2 |
| Library                    | ext. 2400                | LIB                | F2 |
| Lost & Found               | ext. 2190                | AD 115             | G1 |
| Matriculation              | ext. 2463                | AD 207             | F1 |
| Operations Dept.           | ext. 2416                |                    | H4 |
| Office of Special Services | ext. 2270                | CH 109             | E5 |
| Receiving                  | ext. 2495                | FH 1               | G5 |
| Scholars Program           | ext. 2338                | CH 117             | F5 |
| School Rel & Outreach      | ext. 2310                | FH 305             | G5 |
| Student Activities         | ext. 2450                | CH 117             | F5 |
| Student Assist Center      | ext. 2455                | AD 105             | E1 |
| Student Services           | ext. 2460                | AD 207             | F1 |
| Transfer Center *          | ext. 2215                | LIB                | E2 |
| TRIO                       | ext. 2465                | CH 116             | F5 |
| Upward Bound               | ext. 2316                | FH 309             | G5 |
| Veteran's Affairs          | ext. 2112                | AD 100             | F2 |
| Work Force Cntr            | (323) 667-1999           | Melrose/Heliotrope | A1 |

## ACADEMIC DEPARTMENTS

|                            |           |               |    |
|----------------------------|-----------|---------------|----|
| American Cultures          | ext. 2505 | FH 102        | G6 |
| Art/Architecture           | ext. 2510 | DH 220        | F4 |
| Athletics                  | ext. 2852 |               | J4 |
| Business Administration    | ext. 2541 | AD 304        | F1 |
| Chemistry**                | ext. 2600 | Chem 105      | J2 |
| Child Development          | ext. 2290 | AD 200        | D4 |
| Cinema-Television          | ext. 2620 | CC 181        | I3 |
| Comp Ap-Office Tech (CAOT) | ext. 2900 | DH 212        | F4 |
| CSIT/Computer Technology   | ext. 2810 | JH 312        | G3 |
| Dental Technology          | ext. 2501 | FH 204        | G5 |
| Electronics                | ext. 2810 | JH 312        | G3 |
| English/ESL                | ext. 2700 | JH 300        | G3 |
| Family & Consumer Studies  | ext. 2290 | AD 200        | F1 |
| Foreign Language           | ext. 2737 | DH 312B       | F4 |
| Journalism                 | ext. 2835 | FH 28         | G5 |
| Law/Admin of Justice       | ext. 2753 | HH 211        | E3 |
| Learning Skills            | ext. 2770 | LIB 103       | E2 |
| Life Science               | ext. 2796 | LS 204        | J1 |
| Math                       | ext. 2810 | JH 312        | G3 |
| Music                      | ext. 2880 | CH 243        | E5 |
| Nursing                    | ext. 2053 | Cub Center    | E4 |
| Philosophy                 | ext. 2761 | HH 200        | E3 |
| Photography                | ext. 2835 | FH 28         | G5 |
| Physical Ed - Men          | ext. 2860 | Men's Gym 104 | J4 |
| Physical Ed - Women        | ext. 2864 | Women's Gym   | G1 |
| Psychology                 | ext. 2930 | HH 100        | E3 |
| Physics/Engineering        | ext. 2924 | FH 209C       | G5 |
| Radiologic Tech (X-Ray)    | ext. 2942 | RT            | H2 |
| Social Science             | ext. 2955 | FH 102        | G5 |
| Speech                     | ext. 2967 | CC190         | I3 |
| Theatre Arts               | ext. 2971 | TA            | G2 |

\*The Career & Transfer Centers will move to the AD109 mid-semester.  
 \*\*The Chemistry Dept. will move to the Chemistry Village mid-semester.