
Program in A+ Certification – Skills Certificate

Units: 14-15

(TOP Code: 070810; Academic Plan: C070810J)

Upon completing this short program, the student is fully prepared to sit for the CompTIA A+ Certification Examination and work as an entry level PC technician.

PROGRAM STUDENT LEARNING OUTCOMES

1. Identify components in a personal computer.
2. Diagnose problems in personal computer hardware and operating system and independently design solutions using the information gained through the component manuals and manufacturer web sites.
3. Diagnose and resolve a problem in a peer-to-peer local area network.
4. Use a breadboard to connect a simple electronic circuit based on a given schematic diagram.
5. Assemble components on a printed circuit board using a soldering iron to connect a simple electronic circuit based on a given schematic diagram.

PROGRAM REQUIREMENTS

Requirements for the A+ Certification skills certificate may be met by completing 14-15 units of required courses with a grade of "C" or better.

REQUIRED COURSES (14-15 UNITS)

CIS 101	(FORMERLY CO SCI 101) INTRODUCTION TO COMPUTERS AND THEIR USES	3
CO TECH 012	INTRODUCTION TO COMPUTER HARDWARE	4
CO TECH 014	A-PLUS CERTIFICATION PREPARATION	4
CO TECH 002	INTRODUCTION TO ELECTRONICS	3
OR		
CO TECH 005	FUNDAMENTALS OF ELECTRONICS I	4
OR		
CO TECH 006	FUNDAMENTALS OF ELECTRONICS II	4