
Learning Outcomes

100% of the course learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s). The following outcomes will be addressed in the course:

- Install personal computer (PC) hardware
- Troubleshoot PC hardware problems
- Describe electrical concepts
- Manage hardware device drivers
- Troubleshoot printer issues
- Resolve PC networking issues
- Install end-to-end network cabling
- Perform hardware preventative maintenance tasks

Course Assessments

To obtain Articulated College Credit, students will complete the following:

1. Successful completion of the course meeting the core A+ learning objectives set forth by Comp TIA with a grade of **B or better**.
2. Project-based assessments throughout course with a grade of **B or better** including:
a) Perform security and encryption tasks; b) Perform remote troubleshooting; c) Simulate call center operations.
3. Pass written unit tests with a grade of **B or better**.
4. End-of-course assessment(s) or technical skill assessment(s) completed with a grade of **B or better**. Teachers/faculty may use one of the recommended technical skill assessments listed below to achieve assessing student learning in the course outcomes.

Recommended Industry-Recognized Certifications or Comprehensive Assessments – College/ High School

Certifications or Assessments	Vendor	Other Information
A+ Certification	CompTIA	www.comptia.org
Computer Maintenance & Repair (884)	Precision Exams	www.precisionexams.com
Computer Maintenance & Repair	NOCTI	www.nocti.org