

COMPUTER NETWORKING TECHNOLOGY INDUSTRY CERTIFICATIONS

Certificate of Completion #41622

This certificate covers the material necessary to successfully pass the CompTIA A+, Network+, Security+, and the Server+ professional certificates. These preparation courses provide the necessary information for those seeking to obtain professional industry CompTIA certificates. Topics include instruction and hands on material that supports the exam objectives as set forth by CompTIA. This Industry Certifications certificate will prepare students with the requisite knowledge for subsequent computer networking technology certificates and degrees.

Program Learning Outcomes

- Program Completers will be able to read and analyze DC, AC and/or Digital schematics for voltage, current, impedance and power quantities, and compare them to measured values.
- Demonstrate proper use of electronic test equipment and associate measurement results with circuit behaviors in the laboratory.
- Be able to build both combinational and sequential digital logic circuits based off of design and logic requirements.
- Use these results of both empirical and calculated unknown electrical parameters to assess or troubleshoot faults in circuit and system operation. 5. Communicate, both verbally and in writing, knowledge of electrical concepts and their application to the observed behaviors of circuits and systems.

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.

Required Courses

Course Prefix	Course Name	Units
VOC CNT60	A+ Certification Preparation	
VOC CNT62	Network+ Certification Preparation	
VOC CNT64	Server+ Certification Preparation	
VOC CNT66	Security+ Certification Preparation	