COMPUTER NETWORKING INFORMATION TECHNOLOGY

Associate in Science Degree
Certificate of Achievement

The Computer Networking/IT program prepares students for excellent career opportunities that are in demand such as a PC technician, IT support technician, IT help desk, computer network engineer, network administrator, virtualization specialist, cloud based solution advisor and implementer, cybersecurity professional, and sales. The program offers an Associate in Science Degree or Certificate of Achievement in Computer Networking/IT as well as certification preparation in Cisco, CompTIA, and Microsoft. Students enrolled in the program receive significant discounts on CompTIA and Cisco certification exams as well as free software from Microsoft. The field of computer networking/IT evolves at a fast pace and the program frequently updates course content to keep up with the changes in the industry. The program is a Cisco Networking Academy, CompTIA Authorized Partner Program, and a Microsoft Imagine Academy premium member. *For more information contact: Alex Lynch (805) 678-5061 alynch@vcccd.edu*

Required Core Courses		Units
CNIT R101	IT Essentials	3.0
CNIT R120	Cisco CCNA Computer Networking I	4.0
CNIT R121	Cisco CCNA Computer Networking II	4.0
	Prerequisite: CNIT R120	
CNIT R130	Administer Microsoft Windows Operating System	3.0
	**Advisories: CNIT R101*	
CNIT R145	CompTIA Security+ IT Security & Certification Preparation	3.0
CNIT R151	Cloud Computing and Virtualization	4.0
	**Advisories: CNIT R101 or CNIT R120 or CNIT R142*	

Required Additional Classes

Complete a minimum of **9 units** from the following courses:

CNIT R127	Wireless Networking Fundamentals	3.0
CNIT R131	Administer Microsoft Windows Server	3.0
	**Advisories: CNIT R130*	
CNIT R142	CompTIA A+ Technician and Certification Prep	4.0
CNIT R143	CompTIA Linux+ Fundamentals and Certification Preparation	3.0
CNIT R144	CompTIA Network+ Fundamentals and Certification Prep	4.0
CNIT R161	Programming Essentials in Python	3.0
CNIT R146	Cybersecurity: CompTIA PenTest+	3.0
	**Advisories: CNIT R145*	

Students may take a maximum of **4 units** from the following

COT R190V	Occupational Cooperative Unpaid Work Experience	1-4
-or-		
COT R191V	Occupational Cooperative Paid Work Experience	1-4

Total Required Major Units	**30-33**
Oxnard College General Education Pattern	29.0
Double-Counted Units	0.0
Degree-Applicable Electives	✚ 0-1
Total units required for the A.S. Degree	**60.0**

***General Education** This A.S/A.A. degree requires completion of the Oxnard College General Education Pattern**