

WIRELESS NETWORKING, PROFICIENCY AWARD

The Wireless Networking Program is an award recognizing proficiency in wireless networking including design, IEEE 802.11 protocols, wireless security, and performing a site survey.

Course ID	Title	Units/ Hours
Required Core Courses		
CNIT R127	Wireless Networking Fundamentals	3
CNIT R120 or CNIT R144	Cisco CCNA Computer Networking I CompTIA Network+ Fundamentals and Certification Preparation	4
Total Units		7

For more information, see Earn a Proficiency Award. (<http://catalog.vcccd.edu/oxnard/graduation-requirements/earn-pa/>)

Upon successful completion of this program, students will be able to:

- List the public and private IPv4 ranges and default subnet masks for Class A, Class B, and Class C addresses.
- Demonstrate proficiency in configuring a wireless LAN network configuration utility to create a profile and connect to a specific SSID and specific encryption type.
- Demonstrate the ability to create a layered wireless security defense including strong encryption, MAC filter, complex admin password, and a non-broadcast SSID.
- Demonstrate soft skills including working in a team, organizing collected data, and presenting the results of a team wireless site survey project.