



www.cwanett.org

Associates Degree, Diploma, and Certificates of Study
Telecommunications Engineering

A CWA/NETT Academy program

The telecommunication industry is expected to continue to grow as demand increases for television and high-speed Internet in previously unserved locations, and as local telephone companies upgrade their lines in response to increasing competition. From television to telephone service to the Internet, we depend daily on the stability and reliability of our telecommunications network, and those who make careers in the industry can look forward to strong, steady growth opportunities.



Accreditation provided by Stanly Community College, Albemarle, North Carolina.

Description

Take one, two or them all, the classes in telecommunications offered by CWA/NETT Academy can help to prepare you for a career in the telecommunications industry, or enhance the career you already have. You can learn how to design, build, install, troubleshoot, repair, and modify the latest telecommunication and network systems.

Associates Degree Telecommunications & Network Engineering Technology

CWA wants your educational program to be as relevant as possible, so we've made the curriculum flexible, so you can tailor it to your interests and career goals. Also depending on the elective you select, you can prepare for as many as 5 industry certification while you're working on your Degree. Some courses include*:

- Basic PC Literacy
- Computer Upgrade and Repair
- Campus Networks I and II (CCNA 1, 2)
- Internet Routing (CCNA 3)
- Data Network Design (CCNA 4)
- DC/AC Circuits Analysis
- Digital Electronics
- Operating System – UNIX
- Introduction to Telecom Networks
- Security Fundamentals & Policies
- Home Automation Systems
- Fiber Optics and Lasers (Fiber OSP)
- Data Comm over WAN
- Advanced Telecom Networks (VoIP)

*For a complete list of required courses please visit www.cwanett.org

Company Qualification Exams

The following courses can prepare you for select company qualification exams:

- Data Communications/Networking (NET+)
- DC/AC Circuits Analysis
- Digital Electronics

Internetworking Apprentice Diploma

This diploma goes from AC/DC to VoIP, and gets you ready for all the major industry certifications. If you're committed to moving up the ladder in a networking career, this is the way to step up! Prepares you for: HTI+, NET+, CCNA, CCNT certifications.

- Basic PC Literacy
- Home Automation Systems
- DC/AC Circuits Analysis
- Campus Networks (CCNA 1)
- Campus Networks II (CCNA 2)
- Data Comm Over WAN
- Internet Routing (CCNA 3)
- Network Management
- Data Network Design (CCNA 4)
- Introduction to Telecom Networks
- Advanced Telecom Networks (VoIP)

Certificates

Fundamentals of Telecommunications Certificate

Learn about computers inside and out, plus the business and technical aspects of telecommunications. Prepares you for: NET+, A+ certifications.

- Basic PC Literacy
- Computer Upgrade and Repair
- Campus Networks (CCNA 1)
- Telecommunications Cabling
- Introduction to Telecom Networks

Telecommunications Electronics Certificate

Demonstrate a firm grasp of the founding concepts of the telecommunications industry while improving your earning potential. Prepares you for: NET+, TKT certifications.

- Basic PC Literacy
- Algebra/Trigonometry
- DC/AC Circuits Analysis
- Digital Electronics
- Campus Networks (CCNA 1)

Residential Networking Certificate

You will learn about the inner workings of computers and on top of that, this certificate will teach you how to design, install, and maintain a wiring system that integrates the telephone, television, A/V system, computer network, and more into a pre-wired, remote controlled system. Prepares you for: HTI+, NET+, A+ certifications.

- Basic PC Literacy
- Computer Upgrade and Repair
- Campus Networks (CCNA 1)
- Home Automation Systems

Convergence Technologies Certificate

If you want to remain current in the data and telecommunications industries, you need a new set of skills based around Convergent Technology (CT) or the intersection of telephone, TV, and internet networks, and that is just what this certificate does. Prepares you for: HTI+, NET+, CCNT, CTP certifications.

- Home Automation Systems
- Campus Networks (CCNA 1)
- Data Comm Over WAN
- Introduction to Telecom Networks
- Advanced Telecom Networks

Internetworking Certificate

Interested in earning your CCNA certification? This program includes all four semesters of CCNA courses, and prepares you to pursue or further a career in network management. Prepare you for: NET+, CCNA, CTP certifications.

- Basic PC Literacy
- Campus Networks (CCNA 1)
- Campus Networks II (CCNA 2)
- Internet Routing (CCNA 3)
- Network Management
- Data Network Design (CCNA 4)

For group classes, custom courses, or to request additional materials for your location or local please contact us at 1-877-676-4553. Invitations to Education Fairs always welcomed.