

CAREER TECHNICAL EDUCATION PATHWAY: Information Technology - Networking & Cybersecurity (C255901)



Career & College Promise (CCP)

CCP provides opportunities for eligible NC high school students to take tuition-free college courses for dual credit (some students may have to pay for textbooks and materials). Taking CCP courses accelerates completion of college certificates, diplomas, applied associate degrees that provide entry-level job skills, and associate degrees that lead to transfer within the UNC System of 4-year colleges and universities and many private institutions.

Information Technology - Networking & Cybersecurity Pathway

Eligibility Requirements

- High School Junior or Senior
- Unweighted GPA of 2.8 or higher **OR** demonstrate college readiness in English, reading and math on approved assessments.
- If GPA is below 2.8, principals/designees can waive the GPA and provide rationale why GPA was waived.



General Admission Requirements

- College CCP Admissions Application
- High School Transcript
- Registration and Verification Form



About the Information Technology - Networking & Cybersecurity Pathway:

This pathway is a set of courses that students can take to earn a certificate, which is a portion of the Information Technology Networking and Cybersecurity Track Associate of Applied Science Degree. These courses prepare students for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum.

You will learn:

- Graduates in the Networking and Cybersecurity track will have the skills and knowledge to design, install, configure, manage, and secure a network infrastructure and be prepared to sit for CCNA (Cisco Certified Network Associate) Routing & Switching, Cisco Certified CyberOps Associate (CCCA), CompTIA A+, CompTIA Security+, CompTIA Linux+, and Microsoft Windows Desktop and Server industry certifications.

Median Annual Wage for NC Computer Network Support Specialists \$60,820

NCCareers.org

Information Technology Cybersecurity Certificate

Title	Class	Lab	Credit
NET 125 Introduction to Networks	1	4	3
NET 126 Switching & Routing	1	4	3
NET 225 Enterprise Networking	1	4	3
SEC 110 Security Concepts	2	2	3
SEC 151 Intro to Protocol Analysis	2	3	3
SEC 160 Secure Admin (PreReq SEC 110 and NET 125)	2	2	3

Total Semester Credit Hours for Certificate: 18

For more information, contact: **Trish Holsten, Secondary Partnerships Director**
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CONNECTING HIGH SCHOOL, COLLEGE, AND CAREER

