

# CISCO CERTIFIED NETWORK ASSOCIATE + SECURITY PREPARATION

## CERTIFICATE (G): 253

Total Credits: 18  
Catalog Editions 23-24 through 24-25

Name:

Date:

ID #:

CERTIFICATE REQUIREMENTS	Course	Hours	Grade
	NWIT 151	3	
	NWIT 173	3	
	NWIT 245	3	
	NWIT 252	3	
	NWIT 253	3	
<b>NWIT or CMSC ELECTIVE *</b>			

Overall GPA of 2.0 is required to graduate

Total Credits:

\* Students may select a 3-credit or 4-credit NWIT or CMSC elective to fulfill this requirement.

*This career curriculum prepares students for entry-level positions in cybersecurity. Intended for those already employed in computing or who have a computing background, the certificate prepares the student to install, operate, and troubleshoot medium-sized router and switched networks including implementation and verification of connections to remote sites in a WAN. It includes basic introduction to wireless networking concepts and hands-on performance-based skills. The certificate instructs the student in basic and intermediate cybersecurity skills, such as how to develop a security infrastructure, recognize vulnerabilities to networks, and mitigate security threats. This cybersecurity curriculum emphasizes core security technologies and the installation, troubleshooting, and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices. It provides the foundation for students to sit for the following industry-recognized certifications: Network+, Security+, CCNA (Cisco Certified Network Associate), and the Cisco CCNA Security certification.*

[Cisco Certified Network Associate + Security Preparation Certificate Website](#)

Last Reviewed: February 2025

Advising Worksheet Contact:  
[Anthony Solano](#)

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.

**This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.**

This certificate is a career program and may not readily transfer to four year colleges/universities (except in special cases.) Visit [transfer planning](#) for more information.