

Network Associate - Certificate of Specialization

+If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.

Program Description: Design configuration and maintenance of LANs. Develop practical experience in cabling, routing, IP addressing, Cisco supported network technologies, network troubleshooting skills, WAN technologies, VLANs, OSPF.

Program SLO: Students will be able to design, implement, maintain, and troubleshoot network infrastructure devices.

Important Information: For students interested in earning an Associate's degree and/or transfer, please follow up with the Counseling Office for additional information @ <https://www.canyons.edu/counseling> or (661)362-3288/(661)362-3811.

Major courses are sequenced and **BOLDED** based on recommendations by the [Network Technologies Department](#)

First Semester (3 units minimum) FA = Fall; WI = Winter; SP = Spring; SU = Summer

Course			
NETECH 151	CCNA: Introduction to Networks (FA)	3	Major
	Term Total:	3	

Second Semester (4-9 units minimum)

Course	Title	Units	Major Courses
NETECH 152	CCNA-2: Switching, Routing and Wireless Essentials (SP) Pre-requisite NETECH 151	3	Major
NETTECH 155	CCNA Cybersecurity Operations (SP) Pre-requisite NETECH 151	3	Major
	Term Total:	6	

Third Semester (10-12 units minimum)

Course	Title	Units	Major Courses
NETECH 153	CCNA-3: Enterprise Networking, Security and Automation (FA) - Pre-requisite NETECH 152	3	Major
	Term Total:	3	

Total Units: 12

Counseling Resources

Network Technologies Department: <https://www.canyons.edu/academics/networking/index.php>

Counseling Department: <https://www.canyons.edu/student-services/counseling/index.php>

Campus Alliances: <https://www.canyons.edu/administration/ie2/equity/alliances.php>

Petition for Certificate – Petitions are due in the fall/spring/summer term you will complete the requirements, and may be submitted before your last term or up until the final day of the term. Petitions must reviewed with a counselor and may be downloaded here:

https://www.canyons.edu/_resources/documents/student-services/admissions/Petition_for_Certificate_of_Specialization.pdf

Career Resources

Network Technologies Career Tree: <https://www.canyons.edu/academics/networking/careertree/index.php>

California Career Zone: <https://www.cacareerzone.org/>

O*Net Online: <https://www.onetonline.org/>

Bureau of Labor and Statistics: www.bls.gov

Certification Resources: CompTIA: <https://www.comptia.org>

CCNA – Cisco Certified Network Associate: <https://www.cisco.com>

Revised 11/10/2021- CY 2021/2022