

Cisco Certified Network Associate, CAS

Academic Year 2026-2027

Program Description:

The Cisco Networking Academy at Mountwest Community & Technical College offers Cisco Certified Network Associate (CCNA) training that prepares individuals to install, configure, and operate LAN, WAN, and dial access services for enterprise organizations with networks from 100 to more than 500 nodes. The Cisco Networking Academy Program is a comprehensive-learning program that provides students with the IT skills essential for a global economy. The Networking Academy delivers web-based content, online assessment, student performance tracking, hands-on labs, instructor support, and preparation for the CCNA industry-standard certifications.

Career Outlook:

For the most current information, please refer to the Bureau of Labor Statistics “Occupational Outlook Handbook” found at www.bls.gov/ooh/.

Employment Opportunities:

- Network administrator
- Network engineer
- Systems support technician
- Network designer
- Network security systems designer

Salary Forecast:

For the most current salary information, please refer to the Bureau of Labor Statistics “Occupational Outlook Handbook” found at www.bls.gov/ooh/.

Career Description:

The CISCO Certified Network Associate (CCNA) credential validates the knowledge and skills an entry-level network technician needs to know. It is an associate-level CISCO Career certification. It is one of the most widely recognized technical certifications in the IT industry.

Contact Information:

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Mountwest empowers students to learn and lead in the community and in the workforce..

CISCO Certified Network Associate Major Code – CI31

Name:	ID Number 942-
Educational Counselor:	
Faculty Advisor:	

COURSE REQUIRED

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ENL 131	Business and Technical Writing ¹		3				
IT 131	Introduction to Networking		4				
IT 141	Networking Systems II ²		4				
IT 170	Computer Essentials & App ⁴		4				
			15				
IT 225	Fundamentals of Wireless LANs ³		4				
IT 231	Networking Systems III ⁴		4				
IT 241	Networking Systems IV ⁵		4				
MAT 120	Applied Professional Math ⁶		3				
			15				
	Hours Required for Graduation		30				

¹ ENL 131 has a prerequisite of ACT Verbal 18, SAT 480, Accuplacer 250-300, or be placed in ENL 131E.

² IT 141 has a prerequisite of IT 131.

³ IT 225 has a prerequisite of IT 131 or IT 230.

⁴ IT 231 has a prerequisite of IT 141.

⁵ IT 241 has a prerequisite of IT 231.

⁶ MAT 120 has a prerequisite of minimum Math ACT score of 19, SAT Math score of 510, or Accuplacer 250 or be placed in MAT 120E.