

# Information Technology, CAS

## CISCO Certified Network Associate – Concentration

Academic Year 2024-2025

### 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/](http://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/](http://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..*

<b>Name:</b>	<b>ID Number 942-</b>
<b>Educational Counselor:</b>	
<b>Faculty Advisor:</b>	

**COURSE REQUIRED**

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ENL 131	Business and Technical Writing		3				
IT 131	Introduction to Networking		4				
IT 141	Networking Systems II <sup>3</sup>		4				
IT 270	Computer Essentials & App <sup>4</sup>		4				
			15				
IT 225	Fundamentals of Wireless LANs <sup>5</sup>		4				
IT 231	Networking Systems III <sup>6</sup>		4				
IT 241	Networking Systems IV <sup>7</sup>		4				
MAT 120	Applied Professional Math <sup>8</sup>		3				
			15				
	Hours Required for Graduation		30				

<sup>1</sup> Students are expected to have basic knowledge of computers including operating systems such as Windows 2007 or XP and Microsoft Office 2010 or XP before entering this program. The student must register for IT 101 during his or her first semester or successfully pass a challenge exam for IT 101. <sup>i</sup>

<sup>2</sup> ENL 131 has a prerequisite of placement in 100-level English, ACT Verbal 18, SAT 421, or a corequisite of ENL 095.

<sup>3</sup> IT 141 has a prerequisite of IT 131.

<sup>4</sup> IT 270 has a prerequisite of IT 101 or 102.

<sup>5</sup> IT 225 has a prerequisite of IT 131 or IT 230.

<sup>6</sup> IT 231 has a prerequisite of IT 141.

<sup>7</sup> IT 241 has a prerequisite of IT 231.

<sup>8</sup> MAT 120 has a prerequisite of placement in 100-level Math or a minimum ACT score of 19 or SAT Math score of 510.