

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Cisco Certified Network Associate Certification Preparation (CCNA)
Certificate of Completion

Curriculum Code: 1469 (Effective Fall 2016 – Summer 2021)

The Cisco Certified Network Associate Certification Preparation (CCNA) curriculum prepares students for the CCNA certification exam. CCNA is the industry standard foundational certification for networking careers. This curriculum provides a highly concentrated training experience in computer networking and is designed for retraining and professional development. Students completing this certificate may use the credits towards the Computer Networking and Cybersecurity Associate in Business Degree (1453).

PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

INFORMATION

Contact the Computer Information Technologies Program, West Campus Building, Room M103, telephone number (517) 267-6406 (Website: www.lcc.edu/cit/networking/) or Academic Advising Department, Gannon Building – StarZone, telephone number (517) 483-1904.

REQUIREMENTS (See Note 1)

CODE	TITLE	TOTAL: 12 CREDITS CREDIT HOURS
CITN 220	Introduction to Networks (See Note 2)	3
CITN 225	Routing & Switching Essentials	3
CITN 240	Scaling Networks	3
CITN 245	Connecting Networks	3

LIMITED CHOICE REQUIREMENTS

TOTAL: 6 CREDITS

Complete the indicated number of credits from **EACH CHOICE** listed below.

CHOICE 1: Additional Courses (See Note 3)

6 Credits

CITN 120	Networking Concepts	3
CITN 222	Wireless Networking & Security (See Note 2)	3
CITN 228	VoIP Fundamentals	3
CITN 244	Securing Networking Devices	3
CITN 295	CCNA Review	3
CITS 125	Computer Support: A+ Cert Prep	6

MINIMUM TOTAL

18

NOTES:

1. Courses are delivered in an accelerated 8 week format. Please see a Program Advisor for determination of start dates for these courses.
2. Students in this curriculum will be allowed to waive the prerequisites for CITN 220 and CITN 222 based on documented proof of A+ certification. Contact the Computer Information Technologies Program.
3. Other CIT_ prefix courses may be approved for a Limited Choice by a Computer Information Technology Academic Program Advisor.
4. A minimum 2.0 grade in each course is required for this certificate.

SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

I	II
CITN 220	CITN 240
CITN 225	CITN 245
Lim. Ch.	Lim. Ch.