

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Residential Networking Specialist  
Certificate of Achievement

Curriculum Code: 1751 (Effective Fall 2015 – Summer 2020)

Virtually all technologies in the home are becoming part of the home network, and networking is quickly becoming the most critical skill in the home entertainment industry. In order to provide a network system that meets the increasing speed and reliability requirements, the Residential Networking Specialist must be able to design, install, configure, and maintain a high quality, complex network. Content includes networking infrastructure, testing and troubleshooting, residential construction basics, and industry best practices. This curriculum provides extensive hands-on training and prepares students for the workforce and for professional certification exams from CEDIA, CWNP, CompTIA, and others.

#### 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](http://www.lcc.edu/cit/networking)) or the Academic Advising Center, Gannon Building – StarZone, telephone number (517) 483-1904.

#### REQUIREMENTS

**TOTAL: 30 CREDITS**

CODE	TITLE	CREDIT HOURS
BLDT 120	Structural Framing	4
CITN 115	Home Technology Integration	5
CITN 222	Wireless Networking & Security	3
CITS 125	Computer Support A+ Cert Prep	6
CITS 170	Basic Electronic for PC Repair	6
CITS 225	Networking for PC Technicians	4
DCTM 102	Industrial/Construction Safety (See Note 2)	2
<b>MINIMUM TOTAL</b>		<b>30</b>

**NOTES:**

1. A minimum 2.0 grade in each course is required for this certificate.
2. Students who have already completed ELTE 102, HVAC 102, METS 102 or WELD 102 with a grade of 2.0 or higher may substitute one of these courses for DCTM 102.

**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.

<b>I</b>	<b>II</b>
BLDT 120	CITN 115
CITS 125	CITN 222
CITS 170	CITS 225
DCTM 102	