

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Computer Repair and Support Technician
Associate in Applied Science Degree

Curriculum Code: 0743 (Effective Fall 2016 – Summer 2021)

A computer service technician is highly knowledgeable in both computer hardware and software. This person must not only understand the operation of the computer system, but must also diagnose and repair the system when it fails, make upgrades, and perform preventive maintenance. A computer service technician also answers customers' questions relating to correct use of computers or components and may install new equipment. A successful computer service technician must understand electronics, computer hardware and software, and how they work together to make the computer operate. Computer service technicians are employed in computer sales and service shops and any place a large number of computers are found. Students completing this curriculum may also be eligible to apply for a Certificate of Achievement for Computer Repair Technician (0168). **Not all courses in this program transfer to all colleges.** Students planning to transfer should see an academic advisor before enrolling in any course.

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/support/) or Academic Advising Department, Gannon Building – StarZone, telephone number (517) 483-1904.

REQUIREMENTS

CODE	TITLE	TOTAL: 46 CREDITS CREDIT HOURS
CITN 115	Home Technology Integration	5
CITN 222	Wireless Networking & Security	3
CITP 110	Intro to Computer Programming	4
CITS 125	Computer Support: A+ Cert Prep	6
CITS 143	Hardware Support Skills	4
CITS 160	Logic Problems Analysis	3
CITS 170	Basic Electronic for PC Repair	6
CITS 176	PC Hardware Troubleshooting	6

CITS 181	Computer Diagnostic Software	2
CITS 225	Networking for PC Technicians	4
CITS 285	IT Professional Internship (See Note 1)	3

LIMITED CHOICE REQUIREMENTS

TOTAL: 16–22 CREDITS

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

CHOICE 1: [General Education Core Areas](#)

16–22 Credits

(Click on the link above for information on how to fulfill these requirements. Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area	3–4
Global Perspectives and Diversity Core Area	3–4
Mathematics Core Area	3–5
Science Core Area	4–5
Writing Core Area	3–4

MINIMUM TOTAL **62**

NOTES:

1. Students with appropriate IT work experience may be able to substitute another CIT_ course. Please see a Computer Information Technologies program advisor.
2. Students interested in specializing in computer software support should review the curriculum guide for Computer Support Specialist, #0713.
3. For graduation from this program, a student must have earned a minimum 2.0 grade in each course with a CIT_ prefix and in all Core courses.

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	III	IV
CITS 143	CITS 125	CITN 115	CITN 222
CITS 160	CITS 176	CITS 225	CITP 110
CITS 170	CITS 181	Lim.Ch.	CITS 285
Lim. Ch.	Lim. Ch.	Lim.Ch.	Lim. Ch.