

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Computer Repair and Support Technician
Associate in Applied Science Degree

Curriculum Code: 0743 (Effective Fall 2011 – Summer 2016)

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. **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* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

INFORMATION

Contact the Computer Information Technologies Program, Gannon Building, Room 131, telephone number (517) 483-9612 (Website: www.lcc.edu/cit/support/) or Academic Advising Department, Gannon Building, Room 212, telephone number (517) 483-1904.

REQUIREMENTS

TOTAL: 46 CREDITS

CODE	TITLE	CREDIT HOURS
CITN 115	Home Technology Integration	5
CITN 120	Introduction to Networking	3
CITP 110	Intro to Computer Programming	4
CITS 100	Schematic Drawing	1
CITS 125	Computer Support: A+ Cert Prep	6
CITS 160	Logic Problems Analysis	3
CITS 161	Soldering and Desoldering	1
CITS 170	Basic Electronic for PC Repair	6
CITS 171	PC Hardware Operation	6
CITS 175	Troubleshooting Comp Systems	3

CITS 180	Electronic Test Equipment Oper	3
CITS 181	Computer Diagnostic Software	2
CITS 285	IT Professional Internship (See Note 1)	3

LIMITED CHOICE REQUIREMENTS

TOTAL: 15–21 CREDITS

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

CHOICE 1: General Education Core Areas

15–21 Credits

(See *General Education Core Requirements* 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	3–4
Science Core Area	3–5
Writing Core Area	3–4

MINIMUM TOTAL 61

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 100	CITN 120	CITN 115	CITP 110
CITS 160	CITS 171	CITS 180	CITS 125
CITS 161	CITS 175	Lim.Ch.	Lim.Ch.
CITS 170	CITS 181	Lim.Ch.	

V

CITS 285
Lim.Ch.
Lim.Ch.