

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Computer Repair and Support Technician
Associate in Applied Science Degree

Curriculum Code: 0743 (Effective Fall 2005 – Summer 2010)

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 or counselor 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 Media, Art, and Information Technologies Department, Old Central Building, Room 137, telephone number (517) 483-1546.

REQUIREMENTS

REQUIREMENTS		TOTAL: 50 CREDITS
CODE	TITLE	CREDIT HOURS
CITF104	Introduction to DOS	1
CITF108	Microsoft Windows	2
CITF110	Intro Computer Info Systems	3
CITN115	Home Technology Integration	6
CITN120	Introduction to Networking	3
CITP110	Introduction to Computer Programming	4
CITS100	Schematic Drawing	1
CITS120	A+ Core Hardware Support	3
CITS130	Computer Software Support	3

CITS160	Logic Problems Analysis	3
CITS161	Soldering and Desoldering	1
CITS170	Basic Electronics for PC Repair	6
CITS171	PC Hardware Operation	6
CITS175	Troubleshooting Computer Systems	3
CITS180	Electronic Test Equipment Operation	3
CITS181	Computer Diagnostic Software	2

LIMITED CHOICE REQUIREMENTS

TOTAL: 16–21 CREDITS

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

CHOICE 1: General Education Core Areas

16–21 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 (See Note 1)	3–4
Global Perspectives and Diversity Core Area (See Note 2)	3–4
Mathematics Core Area (See Note 3)	3–4
Science Core Area (See Note 4)	4–5
Writing Core Area (See Note 5)	3–4

MINIMUM TOTAL

66

NOTES:

1. SPCH110 or SPCH120 is recommended for the Communication Core area.
2. OADM275 is recommended for the Global Perspectives and Diversity Core area.
3. MATH119 is recommended for the Mathematics Core area.
4. ISCI131 is recommended for the Science Core area.
5. WRIT124 is recommended for the Writing Core area.
6. Students interested in specializing in computer software support should review the curriculum guide for Computer Support Specialist, #0713.
7. 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 or counselor for help with adjustments.

I	II	III	IV
CITS100	CITF108	CITF104	CITN120
CITS160	CITF110	CITN115	CITP110
CITS161	CITS171	CITS120	CITS130
CITS170	CITS181	CITS175	Lim.Ch.
CITS180		Lim.Ch.	Lim.Ch.
Lim.Ch.			Lim.Ch.