

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

Curriculum Code: 0713  
(Effective Fall 2018 –  
Summer 2023)

Computer Support Specialist A.B. Pathway

Computer support specialists install, modify and make minor repairs to computer hardware and software systems and provide technical assistance and training to system users. They install or assist service personnel in installation of hardware and peripheral components, such as monitors, keyboards, printers, and disk drives on user's premises, following design or installation specifications. They may also load software packages into the computer; instruct users in use of equipment, software, and manuals; answer clients' inquiries concerning the systems operation; and diagnose system hardware, software, and operator problems. Students completing this curriculum may also be eligible to apply for certificates of completion in Microsoft Office Specialist (0841) and Computer Technology Basics (0844).

**For More Information**

Contact the Computer Information Technologies Program at the West Campus Building, Room M103, telephone number (517) 267-6406 or Academic Advising Department, Gannon Building – StarZone, telephone number (517) 483-1904.

Semester I	Course Title	Prerequisites	Credit/Billing Hours
<b>Math Core Area - <i>Select 1</i></b>			
MATH 119	Math - Applications for Living	(Minimum 2.0 in MATH 105 or MATH 106 or MATH 107 or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
STAT 170	Introduction to Statistics	(Minimum 2.0 in MATH 105 or MATH 106 or above or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
<b>Program of Study Requirements</b>			
CITA 115	Microsoft PowerPoint	Reading Level 4	3 / 3
CITA 126	Microsoft Excel	Reading Level 5	3 / 3
CITF 110	Intro Computer Info Systems	Reading Level 4 and Writing Level 4	3 / 3
CITW 150	Internet Literacy	Reading Level 5 and Writing Level 6	3 / 3
<b>Credits</b>			<b>16 / 16</b>

Semester II	Course Title	Prerequisites	Credit/Billing Hours
<b>Writing Core Area - <i>Select 1</i></b>			
ENGL 121	Composition I	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
<b>Program of Study Requirements</b>			
CITA 119	Microsoft Word	Reading Level 4	3 / 3
CITA 133	Microsoft Access Database	Reading Level 4	3 / 3
CITN 120	Networking Concepts	Reading Level 4 and Writing Level 4	3 / 3
CITP 110	Intro to Programming-Python	Reading Level 5 and Math Level 4	4 / 4
<b>Credits</b>			<b>17 / 17</b>
Semester III	Course Title	Prerequisites	Credit/Billing Hours
<b>Communication Core Area - <i>Select 1</i></b>			
COMM 110	Oral Comm in the Workplace	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
COMM 120	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
COMM 130	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
<b>Global Perspectives and Diversity Core Area - <i>Select 1</i></b>			
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
<b>Program of Study Requirements</b>			
CITF 140	Information Technology Ethics	Reading Level 5 and Writing Level 6	3 / 3
CITS 110	Helpdesk Support Specialist	Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITS 125	Computer Support: A+ Cert Prep	Reading Level 5 and Writing Level 4 and Math Level 3	6 / 6
<b>Credits</b>			<b>18-19/ 18-19</b>

Semester IV	Course Title	Prerequisites	Credit/Billing Hours
<b>Science Core Area - <i>Select 1</i></b>			
BIOL 120	Environmental Science	(Reading Level 5 or ENGL 099 concurrently) and Writing Level 6	4 / 6
CHEM 135	Chemistry in Society	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or minimum 2.0 in MATH 106)	4 / 5
PHYS 120	The Art of Physics	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 107 concurrently or MATH 109 concurrently)	4 / 5
<b>Program of Study Requirements</b>			
BUSN 118	Introduction to Business	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently) and Writing Level 4	3 / 3
CITS 285	IT Professional Internship	Department Approval	3 / 3

<b>Electives - <i>Select 2</i></b>			
CITA 140	Microsoft Outlook	Reading Level 4	3 / 3
CITA 219	Advanced Microsoft Word	Minimum 2.0 in CITA 119 and Reading Level 4	3 / 3
CITA 226	Microsoft Excel–Advanced	Minimum 2.5 in CITA 126 and Reading Level 5	3 / 3
CITA 233	Advanced Microsoft Access	Minimum 2.0 in CITA 133 and Reading Level 5	2 / 2
CITD 250	Database Concepts	Minimum 2.0 in (CITF 110 and (CITP 110 or CITP 150)) and Reading Level 5 and Writing Level 6	3 / 3
CITF 260	Systems Analysis and Design	Minimum 2.0 in (CITF 110 and (CITP 110 or CITP 150)) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 4
CITS 225	Networking for PC Technicians	Minimum 2.0 in CITS 125 and Reading Level 5 and Writing Level 4 and Math Level 3	4 / 4
CITW 160	Web Development HTML & CSS	Reading Level 5 and Writing Level 6	3 / 3
<b>Credits</b>			<b>15-18 / 16-20</b>
<b>Total Credits</b>			<b>66-70 / 67-72</b>