

**LANSING COMMUNITY COLLEGE**

**Computer, Engineering/Manufacturing Industrial Technologies**

**Curriculum Code: 0839**  
**(Effective Fall 2018 –**  
**Summer 2023)**

**E-Business A.B. Pathway**

E-business is the use of Internet technology to conduct business transactions. Students will learn to apply technical and behavioral skills to the various progressive possibilities of e-business as it relates to current business practices. This degree can be completed entirely online. Graduates are prepared to work in a variety of manufacturing, wholesaling, and retailing environments, or government environment. Students completing this curriculum may also be eligible to apply for a certificate in E-Business (0845). Not all courses in the program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

**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.

<b>Semester I</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Writing Core Area - <i>Select 1</i></b>			
ENGL 124	Technical Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
<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
CITP 110	Intro to Programming-Python	Reading Level 5 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 4
CITW 150	Internet Literacy	Reading Level 5 and Writing Level 6	3 / 3
CITW 160	Web Development HTML & CSS	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>Math Core Area - <i>Select 1</i></b>			
MATH 117	Math for Business	(Minimum 2.0 in MATH 105 or MATH 106 or MATH 107 within 2 years or Math Level 5 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
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
<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>			
CITW 175	Web Site Management	Minimum 2.0 in (CITW 160 or ARTS 173 or concurrently) and Reading Level 5 and Writing Level 6	3 / 3
MKTG 200	Principles of Marketing	Reading Level 5 and Writing Level 6	3 / 3
MKTG 210	Marketing on the Internet	Reading Level 5 and Writing Level 6	3 / 3
<b>Credits</b>			<b>17 / 18-19</b>

Semester III	Course Title	Prerequisites	Credit/Billing Hours
<b>Communication Core Area - <i>Select 1</i></b>			
ARTS 102	Design & Communication	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 4
<b>Program of Study Requirements</b>			
CITW 185	Web Development PHP & MySQL	Minimum 2.0 in (CITW 160 or ARTS 173 or concurrently) and Reading Level 5 and Writing Level 6	4 / 4
MKTG 119	Mktg/Manage Your Profess Image	Reading Level 5 and Writing Level 4	3 / 3
<b>Business Electives - <i>Select courses totaling 8 or more credits</i></b>			
ACCG 210	Principles of Accounting I	Reading Level 5 and Math Level 4	4 / 4
BUSN 160	Starting a Business	Reading Level 5 and Writing Level 4 and Math Level 4	4 / 4
BUSN 161	Writing a Business Plan	Minimum 3.0 in BUSN 160 and Reading Level 5 and Writing Level 6 and Math Level 4	2 / 2
ECON 201	Principles of Economics-Micro	Reading Level 5 and Math Level 4	4 / 4
MGMT 150	Managing Customer Relations	Reading Level 5 and Writing Level 6	3 / 3
MGMT 200	Creative Thinking for Business	Reading Level 5 and Writing Level 6	3 / 3
MKTG 120	Sales	Reading Level 5 and Writing Level 4	3 / 3
MKTG 140	Introduction to Advertising	Reading Level 5 and Writing Level 6	3 / 3
MKTG 204	Marketing Research	Minimum 2.0 in MKTG 200 and Reading Level 5 and Writing Level 6	3 / 3
<b>Credits</b>			<b>18 / 19</b>

Semester IV	Course Title	Prerequisites	Credit/Billing Hours
<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
<b>Design and Development Electives - <i>Select courses totaling 9 or more credits</i></b>			
CITD 120	SQL Concepts	Reading Level 4 and Writing Level 4	2 / 2
CITF 140	Information Technology Ethics	Reading Level 5 and Writing Level 6	3 / 3
CITP 130	Intro to Mobile App Devel	Minimum 2.0 in (CITP 110 or CPSC 230 or concurrently) and Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 3
CITP 180	Intro to C#.NET Programming	Minimum 2.0 in (CITP 110 or CPSC 230) and Reading Level 5 and Math Level 4	4 / 4
CITP 190	Intro to Programming in JAVA	Minimum 2.0 in (CITP 110 or CPSC 230) and Reading Level 5 and Math Level 4	4 / 4
CITP 220	Game Design & Development	Minimum 2.0 in CITP 180 and Reading Level 5 and Writing Level 6 and Math Level 4	2 / 4
CITW 165	Web Development JavaScript	Minimum 2.0 in CITW 160 and Reading Level 5 and Writing Level 6	3 / 3
CITW 180	Web Development ASP.NET	Minimum 2.0 in (CITW 160 and (CITP 150 or CITP 180)) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 4
<b>Credits</b>			<b>12 / 12-14</b>
<b>Total Credits</b>			<b>63 / 65-68</b>