

LANSING COMMUNITY COLLEGE			
Computer, Engineering/Manufacturing Industrial Technologies			
Curriculum Code: 0839 (Effective Fall 2017 – Summer 2022)	<b>E-Business A.B. Pathway</b>		
Semester I	Course Title	Prerequisites	Credit/ Billing Hours
<b>Communication Core Area - <i>Select 1</i></b>			
ARTS 102	Design & Communication	(Reading Level 5 or READ 170 concurrently or AASD 105 concurrently) and Writing Level 6	3 / 4
<b>Program of Study Requirements</b>			
BUSN 118	Introduction to Business	(Reading Level 5 and Writing Level 4) or AASD 105 concurrently	3 / 3
CITP 110	Intro to Computer Programming	Reading Level 5 and Math Level 4	4 / 4
CITW 150	Internet Literacy	Reading Level 5 and Writing Level 6	3 / 3
CITW 160	Web Site Dsgn & Development I	Reading Level 5 and Writing Level 6	3 / 3
<b>Credits</b>			<b>16 / 17</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 AASD 105 concurrently) and Writing Level 6	4 / 6
CHEM 135	Chemistry in Society	Reading Level 5 and Writing Level 6 and Math Level 4	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>
<b>Semester III</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Writing Core Area - <i>Select 1</i></b>			
ENGL 124 (formerly WRIT 124)	Technical Writing	(Reading Level 5 and Writing Level 6) or AASD 105 concurrently	3 / 3
<b>Program of Study Requirements</b>			
CITW 185	PHP Web Development	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 Related 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
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 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 / 18</b>
<b>Semester IV</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<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 Related - <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) and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITP 150	Intro to VB.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 Site Dsgn & Development II	Minimum 2.0 in CITW 160 and Reading Level 5 and Writing Level 6	3 / 3
CITW 180	ASP.NET Web Development	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
CITW 229	Special Topics/Web	Determined by Section	1-2 / 1-2
<b>Credits</b>			<b>12 / 12</b>
<b>Total Credits</b>			<b>63 / 65-66</b>