

LANSING COMMUNITY COLLEGE			
Computer, Engineering/Manufacturing Industrial Technologies			
Curriculum Code: 1712 (Effective Fall 2017 – Summer 2022)	Mobile Application Developer C.A. Pathway		
Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
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
Electives - <i>Select 1-2 courses for a minimum of 3 credits</i> <i>Courses may not be duplicated</i>			
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 140	Software Testing	Minimum 2.0 in (CITP 110 or concurrently) and Reading Level 5 and Math Level 4	3 / 3
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
CITP 229	Special Topics in Programming	Determined by Section	.25-6 / .25-6
CITW 165	Web Site Dsgn & Development II	Minimum 2.0 in CITW 160 and Reading Level 5 and Writing Level 6	3 / 3
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
CITW 227	Web Independent Study	Department Approval	.25-4 / .25-4
CITW 229	Special Topics/Web	Determined by Section	.25-6 / .25-6
Credits			10-11 / 10-11

Semester II	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
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
CITW 160	Web Site Dsgn & Development I	Reading Level 5 and Writing Level 6	3 / 3
Electives - <i>Select 1-2 courses for a minimum of 3 credits</i> <i>Courses may not be duplicated</i>			
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 140	Software Testing	Minimum 2.0 in (CITP 110 or concurrently) and Reading Level 5 and Math Level 4	3 / 3
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
CITP 229	Special Topics in Programming	Determined by Section	.25-6 / .25-6
CITW 165	Web Site Dsgn & Development II	Minimum 2.0 in CITW 160 and Reading Level 5 and Writing Level 6	3 / 3
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
CITW 227	Web Independent Study	Department Approval	.25-4 / .25-4
CITW 229	Special Topics/Web	Determined by Section	.25-6 / .25-6
Credits			9-10 / 9-10

Semester III	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
CITP 230	Mobile App Devel for Android	Minimum 2.0 in CITP 130 and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 4
CITP 235	Mobile App Devel for Apple	Minimum 2.0 in CITP 130 and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 4
Electives - <i>Select 1-2 courses for a minimum of 3 credits</i> <i>Courses may not be duplicated</i>			
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 140	Software Testing	Minimum 2.0 in (CITP 110 or concurrently) and Reading Level 5 and Math Level 4	3 / 3
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
CITP 229	Special Topics in Programming	Determined by Section	.25-6 / .25-6
CITW 165	Web Site Dsgn & Development II	Minimum 2.0 in CITW 160 and Reading Level 5 and Writing Level 6	3 / 3
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
CITW 227	Web Independent Study	Department Approval	.25-4 / .25-4
CITW 229	Special Topics/Web	Determined by Section	.25-6 / .25-6
Credits			11-12 / 11-12
Total Credits			30-33 / 30-33