

Mobile Applications Developer (A25590MA)

Program Planning Guides

2018 - 2019

Degrees

Mobile Applications Developer - *Online*

Certificates

C25590MA	Android Application Developer
C25590MI	iOS Application Developer

IT - Mobile Applications Developer (A25590MA)

A.A.S. (Hybrid/Online)

PROGRAM PLANNING GUIDE

Date Revised: Fall 2018

Realignment: Fall 2016 (Replaces D25290 - Mobile Content Development Diploma)

Courses taken more than 5 yrs. ago may not receive transfer credit. Consult your advisor for details.

Curriculum By Semester

			Hours Per Week		Credits
			Class	Lab	
FIRST FALL SEMESTER					
CIS	115	Intro to Prog & Logic	2	3	3
CTI	110	Web, Pgm, and DB Foundation	2	2	3
DBA	110	Database Fundamentals	2	2	3
WEB	110	Internet/Web Fundamentals	2	2	3
		MAT 121 or MAT 143 or MAT 152 or MAT 171	-	-	3
FIRST SPRING SEMESTER					
CSC	151	JAVA Programming	2	3	3
CSC	118	Swift Programming	2	3	3
ENG	111	Expository Writing	3	0	3
WEB	115	Web Markup and Scripting	2	2	3
WEB	141	Mobile Interface Design	2	2	3
FIRST SUMMER SEMESTER					
CTI	120	Network & Sec Foundation	2	2	3
WEB	215	Advanced Markup and Scripting	2	2	3
SECOND FALL SEMESTER					
CSC	218	Swift Programming II	2	3	3
CSC	154	Software Development	2	3	3
WEB	151	Mobile Applications Dev I	2	2	3
		ECO 252 or ECO 251	-	-	3
		COM 120 or COM 231	-	-	3
SECOND SPRING SEMESTER					
CTS	115	Information Sy Business Concepts	2	2	3
WEB	251	Mobile Applications Dev II	2	2	3
WEB	289	Internet Technologies Project	1	4	3
		WEB 140 or WBL 112	-	-	2
		HUM 110 or HUM 115 or PHI 240	-	-	3

GRADUATION REQUIREMENT:

Credit Hours 65

* Work based education is an elective. Students must have approval from the Program Director and pre-register with the Work-Based Learning Office. The work may be done over any number of semesters, but the total elective credits must add up to 7 for electives 1, 2 and 3.

IT - Mobile Applications Developer (A25590MA)

Android Application Developer (C25590MA) *Certificate*

PROGRAM PLANNING GUIDE

Realignment: Fall 2016 (Replaces C25290E - Android Application Developer Certificate)

Courses taken more than 5 yrs. ago may not receive transfer credit. Consult your advisor for details.

Curriculum

			Hours Per Week		
			Class	Lab	Credits
CIS	115	Intro to Prog to Logic	2	3	3
CSC	151	JAVA Programming	2	3	3
WEB	141	Mobile Interface Design	2	2	3
WEB	151	Mobile Application Dev I	2	2	3

GRADUATION REQUIREMENT

Credit Hours 12

These four courses provide a student with basic Android application development skills. All of the courses offered are part of AAS degrees: **A25590MA**

IT - Mobile Applications Developer (A25590MA)

iOS Application Developer (C25590MI) *Certificate*

PROGRAM PLANNING GUIDE

Updated: Fall 2018

Date Revised: Fall 2017

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Curriculum

			Hours Per Week		Credits
			Class	Lab	
CIS	115	Intro to Prog to Logic	2	3	3
CSC	118	Swift Programming I	2	3	3
CSC	218	Swift Programming II	2	3	3
WEB	141	Mobile Interface Design	2	2	3
WEB	289	Internet Technologies Project	1	4	3

GRADUATION REQUIREMENT:

Credit Hours 15