Curriculum Outline
2016-2017

Certificate - Mobile Application Development **CIP 11.0801**

First Summer Semester

COSC	1315	Fundamentals of Programming	2	2	0	64	3
			2	2	0	64	3

First Semester			Lec	Lab	Ext	Cont	Credit
ITSE	1311	Beginning Web Programming	2	2	0	64	3
ITSE	1301	Web Design Tools - Graphics	2	2	0	64	3
ITSW	1307	Introduction to Database - Access	2	2	0	64	3
Option 1*		ITSE 1371 (SWIFT) or COSC 1337 (Java)	2	2	0	64	3
		Totals	8	8	0	256	12

Second Semester			Lec	Lab	Ext	Cont	Credit
ITSE	2309	Database Programming - SQL	3	1	0	64	3
ITSE	1374	Mobile Web	2	2	0	64	3
Option 2*		ITSE 2310 (iOS) or ITSE 1373 (Android)	2	2	0	64	3
		Totals	7	5	0	192	9

Second Summer Semester			Lec	Lab	Ext	Cont	Credit
INEW	2330	Comprehensive Software Project: Planning and Design [1]	3	1	0	64	3
			3	1	0	64	3
		GRAND TOTAL				***576***	***27***

* The options are a two-course sequence focusing on iOS or Android skills. You must take both courses in either the iOS or the Android sequence.

1 May substitute ITSC 2380