Curriculum Outline
2016-2017

AAS - E-Business Development
Mobile Application Development Track

CIP 11.0801

FIRST YEAR

First Semester			Lec	Lab	Ext	Cont	Credit
COSC	1315	Fundamentals of Programming [1]	2	2	0	64	3
ENGL	*1301*	*Composition I*	3	1	0	64	3
ITSE	1311	Beginning Web Programming	2	2	0	64	3
ITSW	1307	Introduction to Database - Access	2	2	0	64	3
GEN ED		*Mathematics General Education Course [2]*	3	1	0	64	3
		Totals	12	8	0	320	15

Second Semester			Lec	Lab	Ext	Cont	Credit
COSC	1337	Programming Fundamentals II (Java)	3	0	0	48	3
IMED	1341	Interface Design	2	2	0	64	3
ITSE	2302	Intermediate Web Programming	2	2	0	64	3
ITSE	1371	iOS Programming Fundamentals (Swift)	2	2	0	64	3
ITSE	1301	Web Design Tools - Graphics	2	2	0	64	3
		Totals	11	8	0	304	15

Summer Semester			Lec	Lab	Ext	Cont	Credit
ECON	*1301*	*Introduction to Economics [3]*	3	0	0	48	3
GEN ED		*Humanities / Fine Arts General Education Course [4]*	3	0	0	48	3
		Totals	6	0	0	96	6

SECOND YEAR

First Semester			Lec	Lab	Ext	Cont	Credit
ITSE	2309	Database Programming - SQL	3	1	0	64	3
ITSE	2310	iOS Application Programming	2	2	0	64	3
ITSE	1373	Android Mobile Programming I	3	1	0	64	3
ITNW	1358	Network+	2	3	0	80	3
GEN ED		*Speech General Education Course [5]*	3	0	0	48	3
		Totals	13	7	0	320	15

Second Semester			Lec	Lab	Ext	Cont	Credit
INEW	2330	Comprehensive Software Project: Planning and Design (Capstone) [6]	3	1	0	64	3
ITSE	1374	Mobile Web	2	2	0	64	3
ITSY	1300	Fundamentals of Information Security (Security +)	2	3	0	80	3
		Totals	7	6	0	208	9
		GRAND TOTAL				***1248***	***60***

[1] May substitute COSC 1436
[2] Select one of the following: MATH 1314, MATH 1316, MATH 1324, MATH 1325, MATH 1332, MATH 1342, MATH 1350, MATH 1351, MATH 1414, MATH 2305, MATH 2318, MATH 2320, MATH 2412, MATH 2413, MATH 2414, or MATH 2415
[3] May substitute ANTH 2302, ANTH 2346, ANTH 2351, ECON 2301, ECON 2302, GOVT 2305, GOVT 2306, HIST 1301, HIST 1302, HIST 2301, PSYC 2301, SOCI 1301, or SOCI 1306
[4] Select one of the following: ARTS 1301, ARTS 1303, ARTS 1304, ARTS 1313, DANC 2303, DRAM 1310, DRAM 2361, DRAM 2362, DRAM 2366, DRAM 2367, ENGL 2322, ENGL 2323, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, ENGL 2342, ENGL 2343, FREN 2303, FREN 2304, HIST 2311, HIST 2312, HIST 2321, HIST 2322, HUMA 1301, MUSI 1306, MUSI 1307, MUSI 1310, PHIL 1301, PHIL 1304, PHIL 2303, PHIL 2306, PHIL 2307, or PHIL 2321
[5] Select one of the following: SPCH 1311, SPCH 1315 or SPCH 1321
[6] May substitute ITSC 2380