Curriculum Outline
2016-2017

AAS - E-Business Development
Web 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
IMED	1341	Interface Design	2	2	0	64	3
~~ITSE~~	~~1356~~	~~Extensible Markup Language (XML)~~					
ITSE	1301	Web Design Tools - Graphics	2	2	0	64	3
ITSE	2302	Intermediate Web Programming	2	2	0	64	3
ITSE	2309	Database Programming - SQL	3	1	0	64	3
Elective*			3	1	0	64	3
~~Graphic Option~~ [3]							
~~Graphic Option~~ [3]							
		Totals	12	8	0	320	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
IMED	2309	Internet Commerce [5]	3	1	0	64	3
ITNW	1358	Network +	2	3	0	80	3
ITSE	2313	Web Authoring	2	2	0	64	3
GEN ED		*Speech General Education Course* [6]	3	0	0	48	3
~~Business Option~~ [7]							
~~Web Programming Option~~ [8]							
		Totals	10	6	0	256	12

Second Semester			Lec	Lab	Ext	Cont	Credit
IMED	2311	Portfolio Development (Capstone) [7]	2	2	0	64	3
~~INEW~~	~~2330~~	~~Comprehensive Software Project: Planning and Design (Capstone) 6~~					
ITSY	1300	Fundamentals of Information Security (Security +)	2	3	0	80	3
ITSE	1306	Introduction to PHP	2	2	0	64	3
ITSE	1374	Mobile Web	2	2	0	64	3
~~Web Programming Option~~ [8]							
		Totals	8	9	0	272	12
		GRAND TOTAL				***1264***	***60***

[1] May substitute ~~BCIS 1305~~ COSC 1436 or ITSE 1332
[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] Graphic Option: GRPH 1359, IMED 1301, IMED 1345, or ITSE 1301~~
[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] May substitute MRKG 2312 ~~BMGT 1307 or BUSG 2309~~
[6] Select one of the following: SPCH 1311, SPCH 1315 or SPCH 1321
[7] May substitute INEW 2330 or ITSC 2380
~~[6] Web Programming Option: ITSE 1306, ITSE 1359, ITSE 1374, ITSE 1392, ITSE 2309, or ITSE 2313~~

* Elective (3-4 credit hours): Any COSC, GISC, IMED, ITSC, ITSE, ITNW, ITSW, or ITSY course not listed above, excluding any Cooperative Education or Software Project course