Curriculum Outline
2016-2017

AAS - Computer Systems
Information System Track **CIP 11.0101**

FIRST YEAR

First Semester			Lec	Lab	Ext	Cont	Credit
BCIS	1305	Business Computer Applications	3	0	0	48	3
ECON	*1301*	*Introduction to Economics* [1]	3	0	0	48	3
ENGL	*1301*	*Composition I*	3	1	0	64	3
~~ITSC~~	~~1305~~	~~Introduction to PC Operating Systems~~ [2]					
ITSW	1310	Introduction to Presentation Graphics Software	2	2	0	64	3
GEN ED	*Mathematics General Education Course* [2]		3	1	0	64	3
		Totals	14	4	0	288	15

Second Semester			Lec	Lab	Ext	Cont	Credit
COSC	1315	Fundamentals of Programming [3]	2	2	0	64	3
ITSE	1311	Beginning Web Programming	2	2	0	64	3
ITSW	1304	Introduction to Spreadsheets - Excel	2	2	0	64	3
GEN ED	*Humanities / Fine Arts General Education Course* [4]		3	0	0	48	3
GEN ED	*Speech General Education Course* [5]		3	0	0	48	3
		Totals	12	6	0	288	15

SECOND YEAR

First Semester			Lec	Lab	Ext	Cont	Credit
BMGT	1307	Team Building ~~5~~	3	0	0	48	3
ENGL	2311	Technical and Business Writing	3	0	0	48	3
IMED	2309	Internet Commerce [6]	3	1	0	64	3
ITNW	1358	Network+	3	2	0	80	3
~~ITSE~~	~~1330~~	~~Introduction to C# Programming~~ ~~6~~					
ITSW	1307	Introduction to Database - Access	2	2	0	64	3
		Totals	14	5	0	304	15

Second Semester			Lec	Lab	Ext	Cont	Credit
~~BCIS~~	~~2390~~	~~Systems Analysis and Design~~					
~~BMGT~~	~~1344~~	~~Negotiations and Conflict Management~~ ~~7~~					
~~INEW~~	~~2330~~	~~Comprehensive Software Project: Planning and Design (Capstone)~~ ~~6~~					
ITSC	2380	Cooperative Education - Computer and Information Sciences, General (Capstone) [7]	1	0	20	336	3
ITSE	2309	Database Programming - SQL ~~8~~	3	1	0	64	3
ITSY	1300	Fundamentals of Information Security (Security +)	2	3	0	80	3
Business Elective [8]			3	0	0	48	3
Technical Elective [9]			3	1	0	64	3
		Totals	12	5	20	592	15
		Grand Total				***1472***	***60***

[1] 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
~~[2] May substitute CPMT 1305~~
[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 COSC 1436
[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 COSC 1337, ITSE 1332, or ITSE 1347~~
[6] May substitute GISC 1411
[7] May substitute INEW 2330 ~~ITSC 2380~~
[8] Any BMGT, BUSI, BUSG, IBUS course not listed above, excluding any Cooperative Education or Software Project course
[9] Any COSC, GISC, IMED, ITCC, ITMT, ITNW, ITSC, or ITSE course not listed above, excluding any Cooperative Education or Software Project course
~~[7] May substitute BMGT 1327~~
~~[8] May substitute ITSE 1356~~