Proposed Curriculum Outline

AAS - Electronic Engineering Technology CIP 15.0303

60 credit hours

FIRST YEAR

First Semester			Lec	Lab	Ext	Cont	Credit
CETT	1325	Digital Fundamentals	2	3	0	80	3
ENGL	*1301*	*Composition I*	3	1	0	64	3
ENGR	1201	Introduction to Engineering	1	3	0	64	2
MATH	*1314*	*College Algebra* [1]	3	1	0	64	3
RBTC	1305	Robotic Fundamentals	2	3	0	80	3
		Total Hours	11	11	0	352	14

Second Semester			Lec	Lab	Ext	Cont	Credit
CETT	1303	DC Circuits	2	3	0	80	3
CETT	1345	Microprocessor	2	3	0	80	3
~~DFTG~~	~~1309~~	~~Basic Computer-Aided Drafting~~	~~3~~	~~1~~	~~0~~	~~64~~	~~3~~
DFTG	1372	SOLIDWORKS Essentials	2	2	0	64	3
MATH	1316	Plane Trigonometry	3	0	0	48	3
Electronic Elective*			2	3	0	80	3
		Total Hours	11	11	0	352	15

SUMMER

			Lec	Lab	Ext	Cont	Credit
ECON	*1301*	*Introduction to Economics* [2]	3	0	0	48	3
SPCH	*1311*	*Introduction to Speech Communication* [3]	3	0	0	48	3
		Total Hours	6	0	0	96	6

SECOND YEAR

First Semester			Lec	Lab	Ext	Cont	Credit
CETT	1305	AC Circuits	2	3	0	80	3
HUMA	*1301*	*Introduction to Humanities 1* [4]	3	0	0	48	3
PHYS	1401	College Physics I	3	3	0	96	4
SMFT	1371	Fundamentals of Solar Cell Engineering	2	3	0	80	3
		Total Hours	10	9	0	304	13

Second Semester			Lec	Lab	Ext	Cont	Credit
CETT	1357	Linear Integrated Circuits	2	3	0	80	3
EECT	1348	Digital Signal Processing (DSP)	2	3	0	80	3
HART	2372	Energy Distribution (Capstone)	3	1	0	64	3
Electronic Elective*			2	3	0	80	3
		Total Hours	9	10	0	304	12
		GRAND TOTAL				***1408***	***60***

[1] May substitute MATH 1316, MATH 1324, MATH 1325, MATH 1332, MATH 1342, MATH 1350, MATH 1351, MATH 1414, MATH 2305, MATH 2312, MATH 2318, MATH 2320, MATH 2413, MATH 2414, MATH 2415, MATH 2417, or MATH 2419

[2] May substitute ANTH 2302, ANTH 2346, ANTH 2351, ECON 2301, ECON 2302, GOVT 2305, GOVT 2306, HIST 1301, HIST 1302, HIST 2301, PSYC 2301, or SOCI 1301

[3] May substitute SPCH 1315 or SPCH 1321

[4] May substitute 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, ENGL 2351, FREN 2303, FREN 2304, HIST 2311, HIST 2312, HIST 2321, HIST 2322, MUSI 1306, MUSI 1307, MUSI 1310, PHIL 1301, PHIL 1304, PHIL 2303, PHIL 2306, PHIL 2307, PHIL 2321

* Electronic Elective (6 credit hours): BIOM 2280, BIOM 1355, CETT 1329, INTC 1307, or SMFT 1375 will satisfy this requirement. Courses not listed above may be substituted with approval of Program Director.