

ELECTRONICS ENGINEERING TECHNOLOGY CURRICULUM GRID

Student Name _____

SID _____

Date Started _____

Advisor _____

FRESHMEN YEAR		
AREA	FALL SEMESTER COURSES	CREDIT HOURS
Institution	COST 1103 Freshman Year	2
A	ENGL 1101 English Composition I	3
A	MATH 1113 Pre Calculus (<i>Pre-Requisites MATH 1111 or a minimum score of 500 on the SAT or 19 on the ACT</i>)	3
D	CSCI 1130 Computer Applications	3
B	HUMN 1201 Critical Thinking & Communication	3
F	CHEM 1211 Principles of Chemistry I (<i>Prerequisite CHEM 1115 OR 30 In Chemistry Assessment Test</i>)	3
F	CHEM 1211L Chemistry I Lab	1
	TOTAL HOURS	18
AREA	SPRING SEMESTER COURSES	CREDIT HOURS
A	ENGL 1102 English Composition II (<i>Pre-Requisites ENGL 1101</i>)	3
D	PHYS 1111K Physics I (<i>Pre-Requisites MATH 1113</i>)	4
F	MATH 2101 Calculus I (<i>Pre-Requisites MATH 1113</i>)	4
F	ENGT 2101K Computer Graphics (<i>Pre-Requisites MATH 1113</i>)	3
Institution	HEDU	3
	TOTAL HOURS	17
SOPHOMORE YEAR		
AREA	FALL SEMESTER COURSES	CREDIT HOURS
F	MATH 2111 Calculus II (<i>Pre-Requisites MATH 2101</i>)	4
MAJOR	ENGT 3101 Statics (<i>Pre-Requisites MATH 1113; PHYS 1111K or PHYS 2211K</i>)	3
D	PHYS 1112K Physics II (<i>Pre-Requisites PHYS 1111K or PHYS 2211K</i>)	4
MAJOR	ELET 3101K Electrical Circuit I (<i>Prerequisite: MATH 1113</i>)	3
B	AFRS 1501 African American History	2
	TOTAL HOURS	16
AREA	SPRING SEMESTER COURSES	CREDIT HOURS
F	ENGT 2201 Technical Writing	2
MAJOR	CSCI 1301 Computer Science I	3
MAJOR	ELET 3111K Electrical Circuits II (<i>Prerequisite: ELET 3101K</i>)	3
MAJOR	ENGT 3701 Engineering Economy (<i>Pre-Requisites MATH 1113</i>)	3
E	History 2111 or 2112	3
C	AREA C OPTION (Cultural Studies Course) (Select only one) HUMN 2011, ARTS 1101, MUSC 1101, THEA 1101, ENGL 2521	3
	TOTAL HOURS	17

JUNIOR YEAR		
AREA	FALL SEMESTER COURSES	CREDIT HOURS
E	POLS 1101 American Government	3
MAJOR	ELET 3201K Electronics I (<i>Prereq: ELET 3101K ; Co-Req ELET 3111K</i>)	3
MAJOR	ELET 3301K Digital Systems I (<i>Prereq: ELET 3101K</i>)	3
E	POLS 2401 Global Issues	3
MAJOR	ENGT 3201 Applied Mathematics	1
C	AREA C OPTION (Language Studies Course) (Select only one) ENGL 2110, ENGL 2121, ENGL 2122, ENGL 2131, ENGL 2132, ENGL 2222, RPHS 2101, RPHS 2241	3
	TOTAL HOURS	16
AREA	SPRING SEMESTER COURSES	CREDIT HOURS
MAJOR	Technical Elective	4
MAJOR	ELET 3211K Electronics II (<i>Prereq: ELET 3201K</i>)	3
MAJOR	ELET 3311K Digital Systems II (<i>Prereq: ELET 3301K</i>)	3
MAJOR	ELET 3411K Microcontrollers (<i>Prereq: ELET 3301K</i>)	3
MAJOR	ELET 3701K Data Acquisition (<i>Prereq: ELET 3101K</i>)	2
MAJOR	ELET 3511K Electrical Machinery (<i>Prereq: ELET 3111K</i>)	3
	TOTAL HOURS	18
SENIOR YEAR		
AREA	FALL SEMESTER COURSES	CREDIT HOURS
MAJOR	ELET 3501K Control Systems (<i>Prereq: ELET 3111K & MATH 2111</i>)	3
MAJOR	ELET 3401K Microcomputer Interfacing (<i>Prereq: ELET 3301K</i>)	3
MAJOR	ELET 4101K Programmable Logic Controllers (<i>Prereq: ELET 3301K</i>)	3
MAJOR	ELET 4411K Computer Electronics (<i>Prereq: ELET 3301K</i>)	3
MAJOR	ENGT 3301 Quality Control	3
MAJOR	MECT 3101K Engineering Materials	3
	TOTAL HOURS	18
AREA	SPRING SEMESTER COURSES	CREDIT HOURS
MAJOR	ELET 4611K Fiber Optics (<i>Prereq: ELET 3301K</i>)	3
MAJOR	Technical Elective	4
MAJOR	ELET 4401K Industrial Electronics (<i>Prereq: ELET 3211K & ELET 3311K</i>)	3
MAJOR	ELET 4621K Digital Communications (<i>Prereq: ELET 3311K</i>)	3
E	Area E Option (Select only one) Hist 1111, Hist 1112, PSYC 1101, GEOG 1101, ANTH 1102, SOCI 1101,	3
	TOTAL HOURS	16
	Total to Graduate	136

CORE CURRICULUM AREAS (A-E)	43
Area F COURSES APPROPRIATE TO THE PROGRAM OF STUDY	17
Electronics ENGINEERING TECHNOLOGY PROGRAM REQUIREMENTS	71
INSTITUTIONAL REQUIREMENTS	5
TOTAL HOURS	136 HOURS

All students who have successfully completed 91 hours, must complete the application for graduation. This will allow the Registrar to begin the degree audit process.

STUDENT AGREEMENT

I agree to follow the above schedule.

Student Signature

PREPARED BY: Dr. Asad Yousuf, Coordinator Electronics Engineering Tec Revised September 2011

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