

ELECTRICAL ENGINEERING CURRICULUM

FRESHMAN YEAR

1st Semester			2nd Semester		
OREN 0100	Orientation I	1	OREN 0101	Orientation II	1
ENGL 0101	English	3	ENGL 0102	English	3
CHEM 0231	General Chemistry	4	EENG 0221	Linear Net. & Circ.	3
CHEM 0233	General Chemistry Lab	1	EENG 221L	Linear Net. & Circ. Lab	1
MATH 0207	Calculus I	4	MATH 0208	Calculus II	4
EENG 0192	Fresh. Engr. Des.	3	PHYS 0310	General Physics	3
	Physical Education	<u>1</u>	PHYS 0313	General Physics Lab	1
		17		Physical Education	<u>1</u>
					17

SOPHOMORE YEAR

1st Semester			2nd Semester		
PHYS 0311	General Physics II	3	EENG 0260	Intro. to Logic Circ.	3
PHYS 0314	General Physics II Lab	1	EENG 260L	Intro. to Logic Circ. Lab	1
EENG 0322	Linear Net. & Circ. II	3	MATH 0307	Differential Equations	3
EENG 322L	Linear Net. & Circ. II Lab	1	EENG 0325	Electronics I	3
MATH 0209	Calculus III	4	EENG 325L	Electronics I Lab	1
ENGL 0203	Technical Writing	3	CSCI 0229	C++ Programming	3
MUSC 102	Fundamentals of Music	<u>2</u>	HIST 0103	World Civilization I	<u>3</u>
		17			17

JUNIOR YEAR

1st Semester			2nd Semester		
HIST 0104	World Civilization II	3	EENG 0334	Electromag. Fields II	3
MATH 0461	Engineering Math	3	EENG 0390	Engineering Ethics	3
EENG 0333	Electromag. Fields I	3	EENG 0360	Microprocessors	3
EENG 0323	Signals & Systems	3	MENG 0211	Statics	3
EENG 0330	Electronics II	3		PSPE Elective	3
EENG 330L	Electronics II Lab	<u>1</u>		Science Elective	<u>3</u>
		16			18

SENIOR YEAR

1st Semester			2nd Semester		
EENG 0431	Linear Control Systems	3	EENG 0441	EIT Review	1
EENG 431L	Linear Control Systems Lab	1	EENG 0492	Senior Design Project	3
EENG 493M	Linear & Matrix Algebra	3	MENG 0429	Engineering Econ.	2
EENG 0324	Digital Sig. Proc. (DSP)	3		Tech. Elect. (Conc.)	3
MENG 0237	Engr. Prob. & Stat.	3		Tech. Elect. (Conc.)	3
	Tech. Elect. (Conc.)	3		PSPE	<u>3</u>
	Tech. Elect. Lab (Conc.)	<u>1</u>			
		17			15

*PSPE-Political Science, Sociology, Psychology & Economics

*Humanities/Creative Elective-2hrs Music (Band or Choir Not Allowed)

TOTAL HOURS: 134

11-2008 Revised 6-18-2009

FIGURE 2