

ELECTRICAL ENGINEERING Curriculum

Fall 2008

STUDENT NAME: _____

STUDENT ID #: _____

FIRST YEAR			
FALL			
ENGR 100	*Intro to Engr	2	
ENGR 101	*Engr Analysis I	4	
ENGL 101	*College Writing I	3	
PHYS 298	*Physics I	4	
PHYS 295	*Physics I Lab	1	
CECS 121	Prog Design in C	1	
Total 15 Hours			

SECOND YEAR			
FALL			
ENGR 205	Diff Equations	2	
ENGR 330	Linear Algebra	2	
COMM 111	Speech Comm	3	
	or 112 Bus & Professional Speaking		
CECS 231	Intro to Comp Sci	3	
ECE 220	Net Analysis I	3	
ECE 221	Net Analysis I Lab	1	
ECE 288	Co-op Seminar	0	
Total 14 Hours			

SPRING			
ENGR 102	*Engr Analysis II	4	
ENGL 102	*College Writing II	3	
CHEM 201	*Gen Chem I	3	
CHEM 207	Intro Chem Anal I	1	
PHYS 299	*Physics II	4	
PHYS 296	*Physics II Lab	1	
Total 16 Hours			

SPRING			
EE 289	Co-op I	2	
Total 2 Hours			

SUMMER			
ENGR 201	Engr Analysis III	4	
ENGR 150	*Engr Graphics Fund	2	
ECE 210	Logic Design	3	
ECE 211	Logic Design Lab	1	
Gen Ed Elective		3	
Total 13 Hours			

SUMMER			
ENGR 307	Numerical Meth	2	
IE 360	Prob & Statistics	3	
ECE 320	Netwks Analysis II	3	
ECE 322	Intro ECE Comp Tools	1	
ECE 333	Electronics I	3	
ECE 334	Electronics I Lab	1	
Total 13 Hours			

* 31 hr core with 2.00 GPA must be completed for admission into department

** Contact Electrical Engineering Department for complete listing of courses

THIRD YEAR			
FALL			
EE 389	Co-op II	2	
Total 2 Hours			

FOURTH YEAR			
FALL			
ECE 496	Prof Issues	2	
ECE 5XX	**Elective	3	
ECE 5XX	**ECE Elective	3	
ECE 5XX	**ECE Elective Lab	1	
Gen Ed Elective		3	
**Engr/Sci Elective		3	
Total 15 Hours			

ADDITIONAL COURSES

THIRD YEAR			
SPRING			
PHYS 300	Intro Mod Phys	3	
ECE 412	Comp Interfacing	3	
ECE 420	Signals & Linear	3	
ECE 473	Fields & Waves	3	
Gen Ed Elective		3	
Total 15 Hours			

FOURTH YEAR			
SPRING			
IE 370	Engineering Economics Analysis	3	
ECE 542	Phys Electronics	3	
ECE 599	Capstone Des in ECE	4	
Gen Ed Elective		3	
Math/CECS/Sci Elective		3	
Total 16 Hours			

REPEAT OPTIONS USED (No more than four courses)

THIRD YEAR			
SUMMER			
EE 489	Co-op III	2	
Total 2 Hours			

FOURTH YEAR			
SUMMER			
ECE 5XX	**ECE Design Elective	3	
ECE 5XX	**ECE Design Lab	1	
Non-ECE Elective		3	
Gen Ed Elective		3	
Eng Science Elective		3	
or CECS/Math/Science Elective			
Total 13 Hours			

General Information
www.speed.louisville.edu www.louisville.edu
Electrical and Computer Engineering (502) 852-7517 http://www.ece.louisville.edu/

Minimum requirements for BS in Electrical Engineering: 136 Semester Credit Hours