

Old Dominion University

B. S. Electrical Engineering Curriculum

Department of Electrical & Computer Engineering
2008-2009 Catalog

Name: _____

UIN: _____

FRESHMAN FIRST SEMESTER

			Term	Grade	VCCS
ENGL 110C	English Comp I	3	_____	_____	See Guide
MATH 211	Calculus I	4	_____	_____	MTH 173 or 273
CHEM 115N	Chemistry I	4	_____	_____	CHM 111
ENGN 110	Engineering & Tech I	2	_____	_____	EGR 120
GEN ED	Social Science Perspective	3	_____	_____	See Guide

FRESHMAN SECOND SEMESTER

MATH 212	Calculus II	4	_____	_____	MTH 174, 274
CS 150**	Intro to Programming	4	_____	_____	CSC 201, EGR 126
CHEM 117	Chemistry II	3	_____	_____	CHM 112
PHYS 231N	University Physics I	4	_____	_____	PHY 231, 241
ENGN 111	Engineering & Tech II	2	_____	_____	_____

**CS 147 AND CS 148 may be taken in place of CS 150

SOPHOMORE FIRST SEMESTER

ECE 200	Eng Analysis Tools	3	_____	_____	
ECE 201	Circuit Analysis	3	_____	_____	EGR 260, 271
MATH 307 (280)	Diff. Equations	3	_____	_____	MTH 297, 291
PHYS 232N	University Physics	4	_____	_____	PHY 232, 242
ECE 241	Fund of Comp Engineer	4	_____	_____	EGR 277

SOPHOMORE SECOND SEMESTER

ECE 202	Circuit s, Signals & Linear Systems	3	_____	_____	EGR 261, 272
ECE 287	Fund Circuits Lab	2	_____	_____	EGR 262
Engr	Nonmajor Engr Elective	3	_____	_____	
MATH 312 (285)	Calculus III	4	_____	_____	MTH 275, 277
GEN ED	History Perspective	3	_____	_____	

JUNIOR FIRST SEMESTER

ECE 313	Electronic Circuits	4	_____	_____	
ECE 303	Intro to Electrical Power	3	_____	_____	
ECE 332	Micro. Materials & Proc	3	_____	_____	
ENGL 131C	Technical Writing	3	_____	_____	ENG 115, 131 (112 can be used) See Guide
GEN ED	Literature Perspective	3	_____	_____	

JUNIOR SECOND SEMESTER

ECE 304	Prob., Stats, & Reliability	3	_____	_____	
ECE 323	Electromagnetics	3	_____	_____	
ECE 387	Microelectronics Fab Lab	3	_____	_____	
ECE 4XX	Technical Elective 1	3	_____	_____	
GEN ED	Philosophy Perspective	3	_____	_____	See Guide

SENIOR FIRST SEMESTER

ECE 485W	Electrical Eng Design I	3	_____	_____	
ECE 4XX	Technical Elective 2	3	_____	_____	
Depth	Cluster or Minor	3	_____	_____	
Depth	Cluster or Minor	3	_____	_____	
GEN ED	Fine Arts Perspective	3	_____	_____	See Guide

SENIOR SECOND SEMESTER

ENGN 401	FE Exam Review	1	_____	_____	
ECE 486	ECE Design II	3	_____	_____	
ECE 4XX	Technical Elective 3	3	_____	_____	
ECE 4XX	Technical Elective 4	3	_____	_____	
Depth	Cluster or Minor	3	_____	_____	
Elec	Approved Elective	3	_____	_____	

Cluster or Minor: _____

Upper division cluster – 9 hours

Minor – minimum of 12 hours

Foreign Language: _____

Advisor Approval: _____

Date: _____