Old Dominion University

B. S. Electrical Engineering Curriculum

Department of Electrical & Computer Engineering

2006-2008 Catalog

Name:_____

UIN:_____

			Term	Grade	Pre-/Co-requisites
FRESHMAN FIRST SEMESTER					
ENGL 110C	English Comp I	3			P-pass Placement test
MATH 211	Calculus I	4			P-MATH 163
CHEM 115N	Chemistry I	4			C-MATH 102M
ENGN 110	Engineering & Tech I	2			P-MATH 162M
GEN ED	Fine and Performing Arts	3			(GEN 101 may be used)
FRESHMAN SECOND SEMESTER					
MATH 212	Calculus II	4			P-MATH 211
CS 150**	Intro to Programming	4			P-MATH 102M
CHEM 117	Chemistry II	3			P-CHEM 115N
PHYS 231N	University Physics I	4			P-MATH 211
ENGN 111	Engineering & Tech II	2			P-MATH 162M

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

SOPHOMORE FIRST SEMESTER					
ECE 201	Circuit Analysis	3			P/C-MATH 307, PHYS 232N
MATH 307 (MATH 280)	Diff. Equations	3			P-MATH 212
PHYS 232N	University Physics	4			P-PHYS 231N
ECE 241	Fund of Comp Engineer	4			P-CS 150, P/C-PHYS 232N
SOPHOMORE SECOND SEMESTER					
ECE 202	Circuits, Signals&Linear Systems	3			P-ECE 201,MATH 307
ECE 287	Fund Electric Circuit Lab	1			P-ECE 201, C-ECE 202
MATH 312 (MATH 285)	Calculus III	4			P-MATH 212
Engr	Nonmajor Engr elec	3			_____
GEN ED	History Perspective	3			(GEN 101 may be used)
JUNIOR FIRST SEMESTER					
ECE 313	Electronic Circuits	3			P-ECE 202,P/C-241,C-ECE 382
ECE 382	Electronics Laboratory	2			C-ECE 313
ECE 303	Intro Electrical Power	3			P-ECE 202
ECE 332	Micro. Materials	3			P-ECE 202
ENGL 131C	Technical Writing	3			P-ENGL 110C
GEN ED	Social Science Persp.	3			(GEN 101 may be used)
JUNIOR SECOND SEMESTER					
ECE 304	Prob. Stat. & Reliab.	3			P-MATH 212
ECE 323	Electromagnetics	3			P-ECE 202
ECE 387	Microelec. Fabric. Lab	3			P-ECE 332
ECE 4XX	Technical Elective 1	3			_____
GEN ED	Philosophy Perspective	3			(GEN 101 may be used)
SENIOR FIRST SEMESTER					
ECE 485W	EE Design I	3			P-ECE 313, P/C-ECE 304
ECE 4XX	Technical Elective 2	3			_____
Depth	Cluster or Minor	3			_____
Depth	Cluster or Minor	3			_____
GEN ED	Literature Perspective	3			(GEN 101 may be used)
SENIOR SECOND SEMESTER					
ENGN 401	FE Exam Review	1			_____
ECE 486	EE Design II	3			P-ECE 485W
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:_____