

Bachelor of Science in Electrical Engineering

2002-04 Old Dominion University Catalog

NAME: _____

SS#: _____

TELEPHONE: _____

Students earning the AS, AA, or AA&S degree from a Virginia Community College automatically satisfy the lower division general education requirements. **Courses marked with * require a grade of C or better to transfer, even with the AS degree. The remaining lower division courses are automatically satisfied by the AS (including foreign language), regardless of the grade earned.** Additionally, courses in which a grade of AC-A or below was earned will not transfer. Therefore Community College degree holders who satisfy lower general education may require additional credits to meet the 120 credit hour graduation minimum. A minimum overall GPA of 2.00 is required to graduate. (AS=Associate Degree)

Entrance Writing Sample Placement Test: _____

Course Number	Course Title	Credits	Transfer
<u>Freshman First Semester</u> (16 Credit Hours)			
ENGL 110C	English Composition	_____ 3	_____ *
MATH 211	Calculus I	_____ 4	_____ *
CHEM 115N	Foundations of Chemistry	_____ 4	_____ *
ENGN 110	Explore Engr & Tech I	_____ 2	_____ *
Gen Ed	Fine & Performing Arts Perspective	_____ 3	_____
<u>Freshman Second Semester</u> (17 Credit Hours)			
MATH 212	Calculus II	_____ 4	_____ *
CS 150	Intro. to Programming	_____ 4	_____ *
CHEM 117	Principles of Chemistry	_____ 3	_____ *
PHYS 231N	University Physics	_____ 4	_____ *
ENGN 111	Explore Engr & Tech II	_____ 2	_____ *
<u>Sophomore First Semester</u> (15 Credit Hours)			
ECE 201	Circuit Theory I	_____ 3	_____ *
MATH 307U	Differential Equations	_____ 3	_____ *
PHYS 232N	University Physics	_____ 4	_____ *
ECE 241	Digital Logic	_____ 3	_____ *
ECE 284	Digital Design Laboratory	_____ 2	_____ *
<u>Sophomore Second Semester</u> (16 Credit Hours)			
ECE 202	Circuit Theory II	_____ 3	_____ *
ECE 286	Comp Aided Tools in ECE	_____ 1	_____ *
ECE 313	Electronic Circuits	_____ 3	_____ *
ECE 382	Electronics Laboratory	_____ 2	_____ *
MATH 312	Calculus III	_____ 4	_____ *
Gen Ed	History Perspective	_____ 3	_____
<u>Junior First Semester</u> (15 Credit Hours)			
ECE 302	Linear Systems	_____ 3	_____
ECE 304	Probability, Statistics, & Reliability	_____ 3	_____
ECE 332	Microelectronic Mat & Processes	_____ 3	_____
ENGL 131C	Intro to Tech & Science Writing	_____ 3	_____ *
Gen Ed	Social Science Perspective	_____ 3	_____
<u>Junior Second Semester</u> (15 Credit Hours)			
ECE 323	Electromagnetics	_____ 3	_____
ECE 387	Microelectronics Fabric Lab	_____ 3	_____
ECE 4XX	Technical Elective 1	_____ 3	_____
Engr	Nonmajor Engr Elective	_____ 3	_____
Gen Ed	Philosophy Perspective	_____ 3	_____
<u>Senior First Semester</u> (15 Credit Hours)			
ECE 485W (Meets oral communication requirement)	EE Design I	_____ 3	_____
ECE 4XX	Technical Elective 2	_____ 3	_____
Depth	Upper-Division Cluster	_____ 3	_____
Depth	Upper-Division Cluster	_____ 3	_____
Gen Ed	Literature Perspective	_____ 3	_____
<u>Senior Second Semester</u> (16 Credit Hours)			
ENGN 401	FE Review	_____ 1	_____
ECE 486	EE Design II	_____ 3	_____
ECE 4XX	Technical Elective 3	_____ 3	_____
ECE 4XX	Technical Elective 4	_____ 3	_____
Elective	Approved Elective	_____ 3	_____
Depth	Upper-Division Cluster	_____ 3	_____
Total Credits		125	

Additional Graduation Requirements:

Foreign Language Requirement: _____ Senior Assessment: _____

Application for Graduation: _____ Passage of Exit Writing Exam _____

This curriculum does not include the University's foreign language general education requirement. Students may need additional hours to meet this perspective. The computer literacy requirement is met through the major courses; ECE 458W/486 meets the general education oral communication requirement, and the technology requirement is met through the major.