Bachelor of Science in Electrical Engineering Technology

2008-2009 Old Dominion University Catalog

NAME: ____________________________
UIN: ______________________________
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 C- 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
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**Freshman First Semester** (16 Credit Hours)
EET 120 | Logic Circuits & Microprocessors | 3 | EGR 277 or ETR 167 or 206 or 207 or 229 or 271 *
EET 125 | Logic & Microprocessor Laboratory | 2 | EGR 278 or ETR 156, 167 or 292, 272 *
*Student should also refer to Monarch Transformation for dual credit of EET 120 & EET 125
ENGN 110 | Explore Engineering & Technology I | 2 | EGR 120 *
MATH 162M | Precalculus I | 3 | MTH 163 *
ENGL 110C | English Composition | 3 | See Transfer Guide
Gen Ed | Social Science Perspective (S) | 3 | See Transfer Guide

**Freshman Second Semester** (15 Credit Hours)
EET 110 | Electrical Circuits I | 3 | ETR 113, 114 or 115, 116 or 125, EGR 251 *
ENGN 111 | Explore Engineering & Technology II | 2 | *
MATH 163 | Precalculus II | 3 | MTH 164 *
PHYS 111N | General Physics | 4 | PHY 111 or 201 *
ENGL 111C | English Composition | 3 | ENG 112 or 210 *

**Sophomore First Semester** (16 Credit Hours)
EET 200 | Electrical Circuits II | 3 | ETR 115, 116 or 125, 131, 132
EET 205 | Circuits Laboratory | 2 | ETR 115, 116 or EGR 255
EET 210 | Electronic Devices & Circuits I | 3 | ETR 121, 122 or 125 or 141, 142 or 143, 144 or 148 & 250 or 203, 204 or 221, 222 or 256, 257 *
MATH 211 | Calculus I | 4 | MTH 173 or 273 *
PHYS 112N | General Physics II | 4 | PHY 112 or 202 *

**Sophomore Second Semester** (15 Credit Hours)
EET 220 | Electronic Devices & Circuits II | 3 | ETR 115 & 116 or 121 & 122 or 143 & 144 *
EET 225 | Electronics Laboratory | 2 | ETR 233 & 234 *
Gen Ed | Natural Science with Lab | 4 | CHM 111 recommended
(COM 115N is recommended for those who plan to take the Fundamentals of Engineering Exam)
COMM 101R | Public Speaking | 3 | See Transfer Guide
Gen Ed | Fine and Performing Arts Perspective | 3 | See Transfer Guide

**Junior First Semester** (16 Credit Hours)
EET 300 | Advanced Circuit Analysis | 3 |
EET 310 | Digital Electronics | 3 |
EET 315W | Digital Electronics Laboratory | 2 |
EET 360 | Electrical Power & Machinery | 3 |
EET 365W | Electrical Power & Machinery Laboratory | 2 |
Gen Ed | History Perspective (H) | 3 | See Transfer Guide

**Junior Second Semester** (15 Credit Hours)
EET 305 | Advanced Technical Analysis | 3 |
EET 320 | Microprocessors & Microcontrollers | 3 |
EET 325 | Microprocessor Laboratory | 2 |
EET 330 | Linear Electronics | 3 |
EET 340 | Transmission Networks | 3 |
ENGN 401 | FE Review | 1 |

**Senior First Semester** (18 Credit Hours)
EET 335 | Linear Electronics Lab | 2 |
EET 434 | Intro to Senior Design | 1 |
EET Senior Electives | | 6 |
Upper Division Cluster or Minor Courses | | 6 |
Gen Ed | Literature Perspective (L) | 3 | See Transfer Guide

**Senior Second Semester** (15 Credit Hours)
Gen Ed | Philosophy Perspective (P) | 3 | See Transfer Guide
EET 480W | Senior Project | 3 |
EET | Senior Elective | 3 |
Upper Division Cluster or Minor Course | | 6 |

TOTAL | 126 |

Additional Graduation Requirements:

Foreign Language Requirement: ____________________________
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.