**Bachelor of Science in Electrical Engineering Technology**

**Concentration in Computer Engineering Technology**

**2010-2011 Old Dominion University Catalog**

(* indicates not automatically waived with transferrable associates degree, C or better required for transfer)

### Entrance Writing Sample Placement Test:
- **Freshman First Semester** (16 Credit Hours)
  - Course Number: EET 120, Course Title: Logic Circuits & Microprocessors, Credits: 3
  - Course Number: EET 125, Course Title: Logic & Microprocessor Laboratory, Credits: 2
  - Course Number: ENGN 110, Course Title: Explore Engineering & Technology I, Credits: 2
  - Course Number: MATH 162M, Course Title: Precalculus I, Credits: 3
  - Course Number: ENGL 110C, Course Title: English Composition, Credits: 3
  - Course Ed: Human Behavior Way of Knowing, Credits: 3

### Freshman Second Semester (16 Credit Hours)
- Course Number: EET 110, Course Title: Electrical Circuits I, Credits: 3
- Course Number: ENGN 111, Course Title: Explore Engineering & Technology II, Credits: 2
- Course Number: MATH 163, Course Title: Precalculus II, Credits: 3
- Course Number: PHYS 111N, Course Title: General Physics, Credits: 4
- Course Number: Gen Ed, Course Title: Natural of Science (CHEM 121N/122N recommended), Credits: 4

### Sophomore First Semester (16 Credit Hours)
- Course Number: EET 200, Course Title: Electrical Circuits II, Credits: 3
- Course Number: EET 205, Course Title: Circuits Laboratory, Credits: 2
- Course Number: EET 210, Course Title: Electronic Devices & Circuits I, Credits: 3
- Course Number: PHYS 112N, Course Title: General Physics II, Credits: 4
- Course Number: CS 150, Course Title: Introduction to Programming, Credits: 3

### Sophomore Second Semester (15 Credit Hours)
- Course Number: EET 220, Course Title: Electronic Devices & Circuits II, Credits: 3
- Course Number: MATH 211, Course Title: Calculus I, Credits: 4
- Course Number: CS 250, Course Title: Problem Solving & Programming, Credits: 4
- Course Number: CS 252, Course Title: Intro to UNIX, Credits: 1
- Course Number: ENGL 211C, Course Title: English Composition, Credits: 3

### Junior First Semester (17 Credit Hours)
- Course Number: EET 300, Course Title: Advanced Circuit Analysis, Credits: 3
- Course Number: EET 310, Course Title: Digital Electronics, Credits: 3
- Course Number: EET 315, Course Title: Digital Electronics Laboratory, Credits: 2
- Course Number: CS 361, Course Title: Advanced Data Structures, Credits: 3
- Course Number: CS 312, Course Title: Internet Concepts, Credits: 3
- Course Ed: Interpreting the Past Way of Knowing, Credits: 3

### Junior Second Semester (15 credits hours)
- Course Number: EET 305, Course Title: Advanced Technical Analysis, Credits: 3
- Course Number: EET 320, Course Title: Microprocessors & Microcontrollers, Credits: 3
- Course Number: EET 325, Course Title: Microprocessor Laboratory, Credits: 2
- Course Number: EET 330, Course Title: Linear Electronics, Credits: 3
- Course Number: ENGN 401, Course Title: FE Review, Credits: 1
- Course Number: CS 451, Course Title: Software Engineering Survey, Credits: 3

### Senior First Semester (18 Credit Hours)
- Course Number: EET 335, Course Title: Linear Electronics Laboratory, Credits: 2
- Course Number: EET 434, Course Title: Intro to Senior Design, Credits: 1
- Course Number: ComET, Course Title: Senior Elective, Credits: 3
- Course Number: EET 370, Course Title: Energy and the Environment, Credits: 3
- Course Ed: Literature Way of Knowing, Credits: 3

### Senior Second Semester (15 Credit Hours)
- Course Number: EET 480W, Course Title: Senior Project, Credits: 3
- Course Number: ComET or CS, Course Title: Senior Elective, Credits: 3
- Course Number: COMM 101R, Course Title: Public Speaking, Credits: 3
- Course Ed: Human Creativity Way of Knowing, Credits: 3
- Course Number: ENMA 480, Course Title: Ethics and Philosophy in Engineering Applications, Credits: 3

**TOTAL CREDITS**: 128

**Additional Graduation Requirements:**

- Foreign Language Requirement: __________
- Senior Assessment: __________
- Application for Graduation: __________
- Passage of Exit Writing Exam __________

The General Education requirements in Information Literacy and Research and Impact of Technology are met through the major.

Does not include the University general education Language and Culture requirement- students may need to take additional classes to meet this requirement.
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<thead>
<tr>
<th>VCCS Course(s)</th>
<th>ODU EET Equivalencies</th>
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<tbody>
<tr>
<td>ETR 113 and 114 together</td>
<td>Credit for three courses total: EET 100, 200, and 205</td>
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<tr>
<td>ETR 116 or ETR 131 and 132 together</td>
<td>Credit for three courses total: EET 110, 200, and 205</td>
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<tr>
<td>Choose one sequence pairing:</td>
<td>Credit for three courses total: EET 210, 220, and 225</td>
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<tr>
<td>ETR 120 and 122 together</td>
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<tr>
<td>ETR 221 and 222 together</td>
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<tr>
<td>ETR 143 and 144 together</td>
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<td>ETR 148 and 250 together</td>
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<td>ETR 256 and 257 together</td>
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<tr>
<td>Choose one sequence pairing:</td>
<td>Credit for both EET 210 and 210</td>
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<td>ETR 141 and 142 together</td>
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<tr>
<td>ETR 203 and 204 together</td>
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<tr>
<td>Choose one of the following (note paired courses):</td>
<td>Credit for both EET 120 and 125</td>
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<td>ETR 156, 157, 206+207, 271, 272, 279, 280, 281, 282+283</td>
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<tr>
<td>ETR 233 and 234 together</td>
<td>EET 225</td>
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