United States Armed Forces / Old Dominion University  
Military Pathway  
Catalog Years 2024–2027

Bachelor of Science in Engineering Technology – Electrical Engineering Technology

**Requirements Potentially Met Outside Classroom**

<table>
<thead>
<tr>
<th>Military Course, Certification, Experience, or Exam</th>
<th>ODU Equivalent Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lower-Division General Education Requirements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLEP College Composition (NOT Modular)</td>
<td>ENGL 110C English Composition</td>
<td>3</td>
</tr>
<tr>
<td>DSST Technical Writing</td>
<td>ENGL 231C Writing, Rhetoric, and Research: Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>Instructor, career counselor, recruiter, or select specialties</td>
<td>Oral Communication requirement</td>
<td>3</td>
</tr>
<tr>
<td>CLEP Precalculus</td>
<td>MATH 162M &amp; 163 Precalculus I &amp; II</td>
<td>6</td>
</tr>
<tr>
<td>CLEP Foreign Languages or military linguist or DLIFLC grad</td>
<td>Language and Culture requirement</td>
<td>6</td>
</tr>
<tr>
<td>CLEP Any Social Sciences exam except Ed Psych</td>
<td>Human Behavior requirement</td>
<td>3</td>
</tr>
<tr>
<td>CLEP Any one of six History exams</td>
<td>Interpreting the Past requirement</td>
<td>3</td>
</tr>
<tr>
<td>CLEP American or Analyzing &amp; Interpreting Literature</td>
<td>Literature requirement</td>
<td>3</td>
</tr>
<tr>
<td>CLEP Chemistry</td>
<td>CHEM 121N Foundations of Chemistry I (lecture only)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td><strong>33</strong></td>
</tr>
<tr>
<td><strong>Department or Major Requirements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLEP or DSST multiple choices</td>
<td>General Education requirements</td>
<td>various</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 110 Electrical Circuits I</td>
<td>3</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 120 Fundamentals of Logic Circuits</td>
<td>3</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 125 Logic Circuits Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 200 Electrical Circuits II</td>
<td>3</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 205 Circuits Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 210 Electronic Circuits</td>
<td>3</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>EET 225 Electronic Circuits Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>ENGN 121 Introduction to Engineering and Technology</td>
<td>4</td>
</tr>
<tr>
<td>Select military specialties</td>
<td>PHYS 111N and 112N Introductory General Physics</td>
<td>8</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td><strong>27</strong></td>
</tr>
</tbody>
</table>

**Requirements Potentially Met Outside Classroom**  **60**

Notes:

- Prior learning credit not to exceed 60 credit hours is also available in specific situations at a cost of 20-50% of the current tuition rate: [https://ww1.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning](https://ww1.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning)


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1 A passing CLEP or DSST examination score will satisfy the ODU requirement. See [https://clep.collegeboard.org/](https://clep.collegeboard.org/) and [https://www.odu.edu/academics/academic-records/score-analysis/clep-dantes](https://www.odu.edu/academics/academic-records/score-analysis/clep-dantes) for details.

2 A student may forego the CLEP or DSST option and satisfy the requirements by taking the actual courses. If a course is taken elsewhere check first for transfer equivalency here [https://transfer2.odu.edu/equivalency/](https://transfer2.odu.edu/equivalency/).

3 Modern States offers CLEP preparation here [https://modernstates.org/](https://modernstates.org/).

4 ODU's Language and Culture requirement can be satisfied by three years of a foreign language or two years of two foreign languages in high school. Students whose native language is not English are exempt from taking a foreign language for general education.
United States Armed Forces / Old Dominion University
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Bachelor of Science in Engineering Technology – Electrical Engineering Technology

Requirements Met at ODU or Elsewhere
A minimum of 30 credits must be taken at ODU and 120 credits total to earn degree

<table>
<thead>
<tr>
<th>Short Title</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 122N</td>
<td>Foundations of Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>EET 263 or ENGT 270</td>
<td>Introduction to Programmable Logic Controllers (PLCs) or Automation and Control</td>
<td>3</td>
</tr>
<tr>
<td>EET 300</td>
<td>Advanced Circuit Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EET 310</td>
<td>Digital Electronics</td>
<td>3</td>
</tr>
<tr>
<td>EET 312</td>
<td>Principles of Communication Systems</td>
<td>4</td>
</tr>
<tr>
<td>EET 315</td>
<td>Digital Electronics Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>EET 320</td>
<td>Microcontroller Applications</td>
<td>3</td>
</tr>
<tr>
<td>EET 325</td>
<td>Microcontroller Applications Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>EET 360</td>
<td>Electrical Power and Machinery</td>
<td>3</td>
</tr>
<tr>
<td>EET 366</td>
<td>Electrical Power and Machinery Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>EET electives</td>
<td>Select four approved EET electives from catalog</td>
<td>12</td>
</tr>
<tr>
<td>ENGN 122</td>
<td>Computer Programming for Engineering</td>
<td>4</td>
</tr>
<tr>
<td>ENGT 305</td>
<td>Advanced Technical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGT 434</td>
<td>Introduction to Senior Design Project</td>
<td>3</td>
</tr>
<tr>
<td>ENGT 435W</td>
<td>Senior Design Project (C or better required)</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 480</td>
<td>Ethics and Philosophy in Engineering Applications</td>
<td>3</td>
</tr>
<tr>
<td>HC 1REQ</td>
<td>Human Creativity requirement</td>
<td>3</td>
</tr>
<tr>
<td>MATH 211</td>
<td>Calculus (C or better required)</td>
<td>4</td>
</tr>
<tr>
<td>Upper-Div General Ed</td>
<td>Upper-Division General Education requirements not met elsewhere</td>
<td>0-6</td>
</tr>
</tbody>
</table>

Requirements met at ODU or elsewhere 61-67
Total credits for degree 121

Next steps:
Submit application at https://www.odu.edu/apply/applications. Online students - use application fee waiver code provided by your ODUGlobal enrollment coordinator.

- Order your high school, college, CCAF, and/or joint service transcripts sent to admissions@odu.edu or Old Dominion University, Undergraduate Admissions, 1004 Alfred B. Rollins Jr. Hall, Norfolk, Virginia 23529-0050.
- Electronically sign your application.
- Monitor your application portal for status updates until an admission decision is made.
- Accept your admission offer and set up your ODU account/email as directed by Admissions.
- Complete orientation and meet with your academic advisor prior to course registration.
- Finalize your degree plan with your academic advisor based on this pathway.

Dr. Vukica Jovanovic
Professor and Chair
Engineering Technology
Old Dominion University

Dr. Bonnie Van Lunen
Interim Vice Provost
Academic Affairs
Old Dominion University

7/15/2024  7/18/2024