

## 2024 - 2025 Old Dominion University Catalog

### Bachelor of Science in Engineering Technology- Electrical Engineering Technology (BSET) (w/VCCS Equivalencies)

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.  
\* indicates not automatically waived with transferrable associates degree, C or better required for transfer.*

*Courses in **green** can be met by the completion of an Articulated Associate of Applied Science (for a list of Articulation Agreements please visit [www.odu.edu/transfer](http://www.odu.edu/transfer)) and are met by completion of a transferrable AS degree; AS in Engineering recommended for ease of transfer.*

| YEAR 1 - FRESHMAN (30 CREDITS)   |  |   |  |
|--|--|---|--|
| FALL SEMESTER (14 credits)   |  | SPRING SEMESTER (14 credits)  |  |
| <u>General Education and Major Coursework:</u>   | <u>VCCS Equivalency:</u>                   | <u>General Education and Major Coursework:</u>                              | <u>VCCS Equivalency:</u>                   |
| ENGN 121   | (EGR 121 + ITE 152)* or waived w/ A.S.     | MATH 163 (C or better required)   | MTH 162*                                   |
| ENGL 110C (C or better required)   | ENG 111 or ENGL 114*                       | PHYS 111N   | PHY 131 or 201*                            |
| MATH 162M (C or better required)   | MTH 161*                                   | ENGN 122  | EGR 125, 126 or CSC 221*                   |
| CHEM 121N/122N**   | CHM 111*                                   | ENGL 211C (C or better required)  | ENG 112 or ENGL 115*                       |
| YEAR 2 - SOPHOMORE (31 CREDITS)  |  |   |  |
| FALL SEMESTER (18 credits)   |  | SPRING SEMESTER (14 credits)  |  |
| <u>General Education and Major Coursework:</u>   | <u>VCCS Equivalency:</u>                   | <u>General Education and Major Coursework:</u>                              | <u>VCCS Equivalency:</u>                   |
| EET 110 (C or better required)   | See below*                                 | EET 200 (C or better required)  | See below*                                 |
| EET 120  | See below*                                 | EET 205   | See below*                                 |
| EET 125  | See below*                                 | EET 210   | See below*                                 |
| MATH 211 (C or better required)  | MTH (MTH 261+262) or 263*                  | EET 225   | See below*                                 |
| PHYS 112N  | PHY 202*                                   | EET 263 or ENGT 270   | See below*                                 |
| Human Behavior   | <a href="#">Transfer Equivalency Guide</a> | COMM 101R   | <a href="#">Transfer Equivalency Guide</a> |
| YEAR 3 - JUNIOR (31 CREDITS)   |  |   |  |
| FALL SEMESTER (16 credits)   |  | SPRING SEMESTER (15 credits)  |  |
| <u>General Education and Major Coursework:</u>   | <u>VCCS Equivalency:</u>                   | <u>Major Coursework:</u>  | <u>VCCS Equivalency:</u>                   |
| EET 300  |  | EET 312   |  |
| EET 310  |  | EET 320   |  |
| EET 315  |  | EET 325   |  |
| ENGT 305   |  | Literature  | <a href="#">Transfer Equivalency Guide</a> |
| EET 360  |  | Interpreting the Past   | <a href="#">Transfer Equivalency Guide</a> |
| EET 366  | <a href="#">Transfer Equivalency Guide</a> |   |  |
| YEAR 4 - SENIOR (30 CREDITS)   |  |   |  |
| FALL SEMESTER (15 credits)   |  | SPRING SEMESTER (15 credits)  |  |
| <u>General Education and Major Coursework:</u>   | <u>VCCS Equivalency:</u>                   | <u>General Education and Major Coursework:</u>                              | <u>VCCS Equivalency:</u>                   |
| ENGT 434   |  | ENGT 435W (C or better required)  |  |
| Approved EET Elective***   |  | Approved EET Elective***  |  |
| Approved EET Elective***   |  | Approved EET Elective***  |  |
| Upper-Division General Education**   |  | Upper-Division General Education**  |  |
| Human Creativity   | <a href="#">Transfer Equivalency Guide</a> | ENMA 480  |  |
| <b>TOTAL CREDIT HOURS: 121</b><br><i>This 4-year plan does not include 6 credits in Language and Culture, but this requirement may be waived; see ODU catalog for details.<br/> The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.<br/> The General Education Information Literacy and Research, Impact of Technology, and Philosophy and Ethics are met through the major.</i> |  |   |  |
| <b>**Upper Division General Education</b> (choose 1)<br>Option D: 6 hours of elective upper-division work from outside of and not required by the student's major and college.<br>Option A: Any University-approved minor (minimum of 12 hours determined by the department), second degree, or second major<br>Option B: Any University-approved interdisciplinary minor (specifically 12 hours, 3 can be in the major)   |  |   |  |
| <b>***Approved EET Electives</b> (may require prerequisite course): EET 330, EET 335, EET 370, EET 373, EET 405, EET 412, EET 420, EET 430, EET 470, EET 483, EET 485  |  |   |  |
| <b>Important Notes:</b> Graduates of this program are eligible to take the Fundamentals of Engineering (FE) exam in Virginia and many other states. Course prerequisites are strictly enforced.<br>Please refer to the University Catalog for prerequisites of all courses.  |  |   |  |
| <b>Requirements for graduation</b> include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.   |  |   |  |
| <b>VCCS Equivalencies Continued</b>  |  |   |  |
| (EET 110, 200, & 205) = (ETR 113 & 114) or (EGR 251 & 255)   |  | (EET 220 & EET 225) = ETR 144 or ETR 204                                    |  |
| (EET 120 & 125) = ETR 156, 167, 206, 207, 271, 272, 279, 280, 281, 282, or 283   |  | (EET 210, 220, & 225) = (ETR 148 + ETR 250) or (ETR 143 + 241)              |  |
| EET 120 = EGR 277  |  | (EET 210 & 225) = ETR 143, ETR 148, ETR 203, or ETR 221                     |  |
| EET 125 = EGR 278  |  | EET 205 = EGR 255   |  |
| EET 200 = EGR 252  |  | EET 210= ETR 141 or ETR 250   |  |
|  |  | EET 225 = ETR 233 or 234  |  |
|  |  | EET 263 = (ELE 233 + ELE 239) or (ELE 234 + ELE 239) or (ELE 239 + ELE 240) |  |
|  |  | ENGT 270 = ELE 234, (MEC 165 + ELE 233), or (MEC 269 + ELE 233)             |  |



