

## 2024 - 2025 Old Dominion University Catalog Bachelor of Science in Engineering Technology - Civil Engineering Technology(BSET) (w/ VCCS Equivalencies)

*Sample four year curriculum with a suggested ordering of courses. \* 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 (28 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, 164, 168, or 172* |
| ENGL 110C (C or better required)               | ENG 111 or ENGL 114*                   | PHYS 111N                                      | PHY 111, 121, 131, or 201* |
| MATH 162M (C or better required)               | MTH 161, 163, or 171*                  | ENGN 122                                       | EGR 125 or 126*            |
| CHEM 121N/122N                                 | CHM 111 or (CHEM 111 +112+ 113)*       | ENGL 211C (C or better required)               | ENG 112 or ENGL 115*       |

### YEAR 2 - SOPHOMORE (31 CREDITS)

| FALL SEMESTER (16 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 200 (C or better required)                | See below*                                 | CET 205  | See below*                                 |
| CET 210  | CIV 200; ARC 130, 133, or 246              | ENGT 220 (C or better required)                | See below*                                 |
| CET 120  | CAD 140, 151, or 201*                      | CET 221  | EGR 247*                                   |
| MATH 211 (C or better required)                | MTH 173, 263, 273, (261+262) or (271+272)* | CET 260  | CAD 202 or 293*                            |
| PHYS 112N                                      | PHY 112, 122, or 202*                      | Human Behavior                                 | <a href="#">Transfer Equivalency Guide</a> |
|  |  | COMM 101R                                      | <a href="#">Transfer Equivalency Guide</a> |

### YEAR 3 - JUNIOR (32 CREDITS)

| FALL SEMESTER (16 credits)                     |  | SPRING SEMESTER (16 credits)                   |  |
|--|--|--|--|
| <u>General Education and Major Coursework:</u> | <u>VCCS Equivalency:</u>                   | <u>General Education and Major Coursework:</u> | <u>VCCS Equivalency:</u>                   |
| CET 301  |  | CET 340  |  |
| CET 330  |  | CET 341  |  |
| CET 355  |  | CET 361  |  |
| CET 265  |  | CET Elective**                                 |  |
| Human Creativity                               | <a href="#">Transfer Equivalency Guide</a> | ENMA 302                                       | EGR 206 if 3 credits                       |
|  |  | Literature                                     | <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)               |                          |
| CET Elective**                                 |  | CET Elective**                                 |                          |
| CET Elective**                                 |  | CET Elective**                                 |                          |
| Upper Division Gen Education***                |  | ENMA 480                                       |                          |
| Interpreting the Past                          | <a href="#">Transfer Equivalency Guide</a> | Upper Division Gen Education***                |                          |

**TOTAL CREDIT HOURS: 121**

*This 4-year plan does not include 6 credits in Language and Culture, but this requirement may be waived; see ODU catalog for details.*

*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. The General Education Information Literacy and Research, Impact of Technology, and Philosophy and Ethics requirement are met through the major.*

\*\*Approved CET Electives (may require prerequisite course)- **Site Design:** CET 325, 332, 420, 430 **Structural Design:** CET 400, 402, 405, 410, 412, 414, 417  
**Construction Management:** CET 365, 460, 462, 467, 472 **Resilience and Sustainability:** CET 332, 420, 456, 457, 458

\*\*\*Upper Division General Education (choose 1)

*Option D (suggested): 6 hours of elective upper-division work from outside of and not required by the student's major and college.*

*Option A: Any University-approved minor (minimum of 12 hours determined by the department), second degree, or second major*

*Option B: Any University-approved interdisciplinary minor (specifically 12 hours, 3 can be in the major)*

**Important Notes:** 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. Please refer to the University Catalog for prerequisites of all courses.

**Requirements for graduation** 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.

**VCCS Equivalencies Con't:**

ENGT 200 = MEC 131; EGR 130, 135, 140, 240 or 250

ENGT 220 = MEC 132; EGR 130, 136, 246, or 250

ENGT 200 & 220 = EGR 130 or 250 (5 credits)

CET 205 = CIV 171, 172, 261, 270, or both CIV 174 & 175