

**2022 - 2023 Old Dominion University Catalog**  
**Bachelor of Science in Engineering Technology**  
**Mechatronics Systems Technology (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 (31 CREDITS)**

**FALL SEMESTER (16 credits)**

General Education and Major Coursework:

EET 120  
 EET 125  
 ENGN 110  
 MATH 162M  
 ENGL 110C (C or better required)  
 Human Behavior

VCCS Equivalency:

See Below\*  
 See Below\*  
 EGR 120 or 121\*  
 MTH 161 or 163\*  
 ENG 111\*  
[Transfer Equivalency Guide](#)

**SPRING SEMESTER (15 credits)**

General Education and Major Coursework:

EET 110  
 ENGT 111 (Satisfies Info. Literacy and Research)  
 MATH 163  
 PHYS 111N  
 Human Creativity

VCCS Equivalency:

See Below\*  
 EGR 122 with completed AS in Engineering or Dept. Approval\*  
 MTH 162, 164, or 167\*  
 PHY 111, 121, 131, or 201\*  
[Transfer Equivalency Guide](#)

**YEAR 2 - SOPHOMORE (32 CREDITS)**

**FALL SEMESTER (15 credits)**

Major Coursework:

EET 200  
 EET 205  
 EET 210  
 PHYS 112N  
 MATH 211

VCCS Equivalency:

See Below\*  
 See Below\*  
 See Below\*  
 PHYS 112, 122, or 202\*  
 MTH 173, 263, or 273\*

**SPRING SEMESTER (17 credits)**

General Education and Major Coursework:

EET 261  
 EET 225  
 EET 263  
 Laboratory Science\*\*  
 COMM 101R  
 ENGL 211C (C or better required)

VCCS Equivalency:

ETR 261 or 274\*  
 See Below\*  
[Transfer Equivalency Guide\\*](#)  
 CST 100, 105 or 110\*  
 ENG 112 or 210\*

**YEAR 3 - JUNIOR (35 CREDITS)**

**FALL SEMESTER (17 credits)**

Major Coursework:

EET 300  
 ENGT 305  
 EET 310  
 EET 315  
 EET 360  
 ENMA 480 (Meets Philosophy and Ethics)

VCCS Equivalency:

3  
 3  
 3  
 2  
 3  
 3

Major Coursework:

EET 312  
 EET 320  
 EET 325  
 EET 330  
 EET 335  
 Interpreting the Past

VCCS Equivalency:

4  
 3  
 2  
 3  
 2

[Transfer Equivalency Guide](#)

**YEAR 4 - SENIOR (30 CREDITS)**

**FALL SEMESTER (16 credits)**

General Education and Major Coursework:

EET 373  
 ENGT 434  
 EET Senior Elective  
 MET Minor Course\*\*  
 MET Minor Course\*\*

VCCS Equivalency:

3  
 1  
 3  
 3  
 3

Literature

[Transfer Equivalency Guide](#)

**SPRING SEMESTER (15 credits)**

Major Coursework:

ENGT 435W (grade of C or better required)  
 EET Senior Elective  
 EET 370  
 Minor Course\*\*  
 Minor Course\*\*

VCCS Equivalency:

3  
 3  
 3  
 3  
 3

**TOTAL CREDIT HOURS: 127**

*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.*

*\*\*CHEM 121N and CHEM 122N are recommended, especially for those who plan to take the Fundamental of Engineering Examination.*

*\*\*\*The EET Mechatronics concentration will automatically satisfy a minor in Mechanical Engineering Technology. The minor courses may be selected from the following: MET 370, MET 415, MET 426, MET 427, MET 431, MET 445.*

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

*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 Continued**

EET 210 and 225 = ETR 121, ETR 122, ETR 143 & 144, ETR 148 & 250, ETR 203, ETR 204, ETR 221, ETR 222, ETR 256, or ETR 257

EET 210= ETR 141

EET 110, 200 and 205 = ETR 113 & 114 or ETR 131 & 132

EET 225 = ETR 233 or 234

EET 120 and 125 = ETR 167, 206, 207, 271, 272, 279, 280, 281, 282, 283, or EGR 277+278