

2019 - 2020 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) 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 124*
 MTH 161 or 163*
 ENG 111*
[Transfer Guide](#)

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

EET 110
 ENGT 111
 MATH 163
 PHYS 111N
 Human Creativity

VCCS Equivalency:

See Below*
 Dept. approval upon admission
 MTH 162, 164, or 167*
 PHY 111, 121, 131, or 201*
[Transfer 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
 Laboratory Science**
 COMM 101R
 ENGL 211C (C or better required)
 Interpreting the Past

VCCS Equivalency:

See Below*
[Transfer Guide*](#)
 CST 100, 105 or 110*
 ENG 112 or 210*
[Transfer Guide](#)

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

SPRING SEMESTER (18 credits)

Major Coursework:

EET 312
 EET 320
 EET 325
 EET 330
 EET 363
 Minor Course**

VCCS Equivalency:

4
 3
 2
 3
 3
 3

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:

EET 335
 EET 373
 ENGT 434
 EET Senior Elective
 MET Minor Course**
 Literature

VCCS Equivalency:

2
 3
 1
 3
 3

[Transfer Guide](#)

SPRING SEMESTER (15 credits)

Major Coursework:

ENGT 435W (grade of C or better required)
 EET Senior Elective
 EET 370T
 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.

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

***Students must select from any minor in either the College of Engineering and Technology or the College of Sciences. Note that minors requiring more than four courses will increase the total credits required to complete the degree.

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 220 = ETR 142 or 144

EET 210, 220 and 225 = ETR 121 & 122, ETR 143 & 144, ETR 148 & 250, ETR 221 & 222, ETR 256 & 257 or ETR 203 & 204

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 or 282 & 283, or EGR 277+278