

2021 - 2022 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)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 120	See Below*
EET 125	See Below*
ENGN 110	EGR 120 or 121*
MATH 162M	MTH 161 or 163*
ENGL 110C (C or better required)	ENG 111*
Human Behavior	Transfer Guide

SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 110	See Below*
ENGT 111 (Satisfies Info. Literacy and Research)	EGR 122 with completed AS in Engineering or Dept. Approval*
MATH 163	MTH 162, 164, or 167*
PHYS 111N	PHY 111, 121, 131, or 201*
Human Creativity	Transfer Guide

YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 200	See Below*
EET 205	See Below*
EET 210	See Below*
PHYS 112N	PHYS 112, 122, or 202*
MATH 211	MTH 173, 263, or 273*

SPRING SEMESTER (17 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 261	ETR 261 or 274*
EET 225	See Below*
Laboratory Science**	Transfer Guide*
COMM 101R	CST 100, 105 or 110*
ENGL 211C (C or better required)	ENG 112 or 210*
Interpreting the Past	Transfer Guide

YEAR 3 - JUNIOR (35 CREDITS)

FALL SEMESTER (17 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 300	3
ENGT 305	3
EET 310	3
EET 315	2
EET 360	3
ENMA 480 (Meets Philosophy and Ethics)	3

SPRING SEMESTER (18 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 312	4
EET 320	3
EET 325	2
EET 330	3
EET 363	3
Minor Course**	3

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 335	2
EET 373	3
ENGT 434	1
EET Senior Elective	3
MET Minor Course**	3
Literature	Transfer Guide

SPRING SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGT 435W (grade of C or better required)	3
EET Senior Elective	3
EET 370	3
Minor Course**	3
Minor Course**	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