

**2018 - 2019 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 are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).*

**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 124*
MATH 162M	MTH 161 or 163*
ENGL 110C (C or better required)	ENG 111*
Human Behavior	<a href="#">Transfer Guide</a>

**SPRING SEMESTER (15 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 110	See Below*
ENGT 111	Dept. approval upon admission
MATH 163	MTH 162, 164, or 167*
PHYS 111N	PHY 111, 121, 131, or 201*
Human Creativity	<a href="#">Transfer Guide</a>

**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	
EET 225	See Below*
Laboratory Science**	<a href="#">Transfer Guide*</a>
COMM 101R	CST 100, 105 or 110*
ENGL 211C (C or better required)	ENG 112 or 210*
Interpreting the Past	<a href="#">Transfer Guide</a>

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

**FALL SEMESTER (17 credits)**

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 300	3
EET 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	<a href="#">Transfer Guide</a>

**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 370T	3
Minor Course**	3
Minor Course**	3

TOTAL CREDIT HOURS: 127

Does not include the University's [General Education Language and Culture Requirement](#). Additional hours may be required.

\*\*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