

2020 - 2021 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)		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>
EET 120	See Below*	EET 110	See Below*
EET 125	See Below*	ENGT 111	Dept. approval upon admission
ENGN 110	EGR 120 or 124*	MATH 163	MTH 162, 164, or 167*
MATH 162M	MTH 161 or 163*	PHYS 111N	PHY 111, 121, 131, or 201*
ENGL 110C (C or better required)	ENG 111*	Human Creativity	Transfer Guide
Human Behavior	Transfer Guide		

YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (17 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 200	See Below*	EET 261	ETR 261 or 274*
EET 205	See Below*	EET 225	See Below*
EET 210	See Below*	Laboratory Science**	Transfer Guide*
PHYS 112N	PHYS 112, 122, or 202*	COMM 101R	CST 100, 105 or 110*
MATH 211	MTH 173, 263, or 273*	ENGL 211C (C or better required)	ENG 112 or 210*
		Interpreting the Past	Transfer Guide

YEAR 3 - JUNIOR (35 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (18 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 300	3	EET 312	4
ENGT 305	3	EET 320	3
EET 310	3	EET 325	2
EET 315	2	EET 330	3
EET 360	3	EET 363	3
ENMA 480 (Meets Philosophy and Ethics)	3	Minor Course**	3

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>Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 335	2	ENGT 435W (grade of C or better required)	3
EET 373	3	EET Senior Elective	3
ENGT 434	1	EET 370T	3
EET Senior Elective	3	Minor Course**	3
MET Minor Course**	3	Minor Course**	3
Literature	Transfer Guide		

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 210 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, 282, 283, or EGR 277+278