

2022 - 2023 Old Dominion University Catalog
Bachelor of Science in Engineering Technology-
Mechanical Engineering 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 (30 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:

MET 120	VCCS Equivalency: See Below*
ENGN 110	EGR 120 or 121*
MATH 162M	MTH 161 or 163*
CHEM 121N/122N	CHM 111*
Human Behavior Way of Knowing	Transfer Equivalency Guide

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

MET 230	VCCS Equivalency: 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*
ENGL 110C (C or better required)	ENG 111*

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (17 credits)

General Education and Major Coursework:

MET 200	VCCS Equivalency: See Below*
MET 210	See Below*
MATH 211	MTH 173, 263, or 273*
PHYS 112N	PHYS 112, 122, or 202*
ENGL 211C (C or better required)	ENG 112 or 210*

SPRING SEMESTER (16 credits)

General Education and Major Coursework:

MET 220	VCCS Equivalency: See Below*
MET 225	EGR 247*
STEM 221 or 231	IND 102,115, MEC 111, 113+114, 119, 120, 154, 254, or EGR 123*
COMM 101R	CST 100, 105 or 110*
Human Creativity Way of Knowing Literature Way of Knowing	Transfer Equivalency Guide Transfer Equivalency Guide

YEAR 3 - JUNIOR (33 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

MET 300	VCCS Equivalency:
MET 310	
MET 320	
ENGT 305	
EET 350	
EET 355	

SPRING SEMESTER (17 credits)

Major Coursework:

MET 330	VCCS Equivalency:
MET 335	
MET 350	
MET 370 (co-requisite with MET 386)	
MET 386 (co-requisite with MET 370)	
ENMA 480 (Satisfies Philosophy and Ethics)	
Minor****	

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

General Education and Major Coursework:

MET 387	VCCS Equivalency:
ENGT 434	
Senior Electives (MET)	
ENGN 401	
Minor**** (6 credits)	
Interpreting the Past Way of Knowing	Transfer Equivalency Guide

SPRING SEMESTER (15 credits)

Major Coursework:

ENGT 435W (C or better required)	VCCS Equivalency:
Senior Electives (MET) (6 credits)	
Minor**** (6 credits)	

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.

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

The General Education 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 Con't:

- MET 120 = CAD 111, 114, 115, 140, 151, 152, 201, 202, 203, 231, 232, or 233; EGR 110, 115, or 111+112; ARC 221 or 222; DRF 114, 115, 201, 231, 232, or 233
- MET 200 = MEC 112, 113, 161, IND 115, or IND 113+114
- MET 230 = CAD 238, 241, 242 or 243
- MET 210 = MEC 131, EGR 130, 135, 140, 240 or 250
- MET 220 = MEC 132, EGR 130, 136 or 246