

2021 - 2022 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)

<u>General Education and Major Coursework:</u> MET 120 ENGN 110 MATH 162M CHEM 121N/122N Human Behavior Way of Knowing	<u>VCCS Equivalency:</u> See Below* EGR 120 or 121* MTH 161 or 163* CHM 111* Transfer Guide
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SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u> MET 240 ENGT 111 (Satisfies Info. Literacy and Research) MATH 163 PHYS 111N ENGL 110C (C or better required)	<u>VCCS Equivalency:</u> See Below* EGR 122 with completed AS in Engineering or Dept. Approval* MTH 162, 164, or 167* PHY 111, 121, 131, or 201* ENG 111*
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YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (17 credits)

<u>General Education and Major Coursework:</u> MET 200 ENGL 211C (C or better required) CET 200 MATH 211 PHYS 112N	<u>VCCS Equivalency:</u> See Below* ENG 112 or 210* See Below* MTH 173, 263, or 273* PHYS 112, 122, or 202*
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SPRING SEMESTER (16 credits)

<u>General Education and Major Coursework:</u> CET 220 MET 225 STEM 221 or 231 COMM 101R Human Creativity Way of Knowing Literature Way of Knowing	<u>VCCS Equivalency:</u> See Below* EGR 247* IND 102,115, MEC 111, 113+114, 119, 120, 154, 254, or EGR 123* CST 100, 105 or 110* Transfer Guide Transfer Guide
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YEAR 3 - JUNIOR (33 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u> MET 300 MET 310 MET 320 ENGT 305 EET 350 EET 355	<u>VCCS Equivalency:</u>
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SPRING SEMESTER (17 credits)

<u>Major Coursework:</u> MET 330 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****	<u>VCCS Equivalency:</u>
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YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education and Major Coursework:</u> MET 387 ENGT 434 Senior Electives (MET) ENGN 401 Minor**** (6 credits) Interpreting the Past Way of Knowing	<u>VCCS Equivalency:</u> Transfer Guide
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SPRING SEMESTER (15 credits)

<u>Major Coursework:</u> ENGT 435W (C or better required) Senior Electives (MET) (6 credits) Minor**** (6 credits)	<u>VCCS Equivalency:</u>
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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 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 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 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 240 = CAD 238, 241, 242 or 243, DRF 202, 238, 241, 242, or 243

CET 200 = MEC 131, EGR 130, 135, 140 or 240

CET 220 = MEC 132, EGR 130, 136 or 246