

**2023 - 2024 Old Dominion University Catalog**  
**Bachelor of Science in Engineering Technology-**  
**Mechanical Engineering Technology (BSET) (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](http://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>	<u>VCCS Equivalency:</u>
MET 120	See Below*
<b>ENGN 110</b>	EGR 120, 121, 122, 124*
MATH 162M (C or better required)	MTH 161, 163, or 171*
CHEM 121N/122N (4 credits)	CHM 111*
<b>Human Behavior Way of Knowing</b>	<a href="#">Transfer Equivalency Guide</a>

**SPRING SEMESTER (15 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 230	See Below*
<b>ENGT 111 (Satisfies Info. Literacy and Research)</b>	
MATH 163 (C or better required)	MTH 162, 164, or 168, or 172*
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)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 200	See Below*
MET 210	See Below*
MATH 211 (C or better required)	MTH 173, 263, or 273*
PHYS 112N	PHYS 112, 122, or 202*
ENGL 211C or 231C (C or better required)	ENG 112, 113, 115, 131, 137*

**SPRING SEMESTER (16 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 220 (C or better required)	See Below*
MET 225	EGR 247 or MEC 135*
STEM 221 or 231	IND 101,102,115,180, 185; MEC 111, 113+114, 119, 120, 154, 226, 254; EGR 123*
<b>COMM 101R</b>	CST 100 or 105*
<b>Human Creativity Way of Knowing</b>	<a href="#">Transfer Equivalency Guide</a>
<b>Literature Way of Knowing</b>	<a href="#">Transfer Equivalency Guide</a>

**YEAR 3 - JUNIOR (33 CREDITS)**

**FALL SEMESTER (16 credits)**

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 300 (C or better required)	
MET 310	
MET 320	
ENGT 305	
EET 350	
EET 355	

**SPRING SEMESTER (17 credits)**

<u>Major Coursework:</u>	<u>VCCS Equivalency:</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****	

**YEAR 4 - SENIOR (31 CREDITS)**

**FALL SEMESTER (16 credits)**

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 387	
ENGT 434	
Senior Electives (MET)	
ENGN 401	
Minor**** (6 credits)	
<b>Interpreting the Past Way of Knowing</b>	<a href="#">Transfer Equivalency Guide</a>

**SPRING SEMESTER (15 credits)**

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGT 435W (C or better required)	
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 or the College of Sciences, or can minor in Cybersecurity. Note that minors requiring more than four courses will increase the total credits required to complete the degree.*

*Mechanical Engineering Technology Senior Elective Course Options: MET 400, 405, 406, 410, 415, 420, 426, 427, 430, 431, 440, 445, 450, 455, 460, 465, 471, 472, 475, 476, 480, 485*

*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; ARC 221 or 222; DRF 114, 115, 119, 151, 152, 201, 231, 232, or 233; EGR 110, 115, or 111+112;  
 MET 200 = MEC 112, 113, 161; IND 111, 113, 115, or 113+114  
 MET 230 = CAD 238, 241, 242 or 243; EGR 110 or 122  
 MET 210 = MEC 131; EGR 130, 135, 140, 240 or 250  
 MET 220 = MEC 132; EGR 130, 136, 246, or 250