

2024- 2025 Old Dominion University Catalog
Bachelor of Science in Engineering Technology-
Manufacturing Engineering Technology (BSET) (w/ VCCS Equivalencies)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGN 121	(EGR 121 + ITE 152)* or waived w/ A.S.	MATH 163 (C or better required)	MTH 162, 164, 168, or 172*
ENGL 110C (C or better required)	ENG 111 or ENGL 114*	PHYS 111N	PHY 111, 121, 131, or 201*
MATH 162M (C or better required)	MTH 161, 163, or 171*	ENGN 122	EGR 125 or 126*
CHEM 121N/122N	CHM 111 or (CHEM 111 +112+ 113)*	ENGL 211C (C or better required)	ENG 112 or ENGL 115*

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (17 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
EET 120	See Below*
EET 125	See Below*
ENGT 230	EGR 110*
ENGT 200	See Below*
MATH 211(C or better required)	MTH 173, 263, 273, (261+262) or (271+272)*
COMM 101R	Transfer Equivalency Guide

SPRING SEMESTER (16 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MFET 235	See below*
MET 200 (C or better required)	See below*
ENGT 270	
ENGT 286	
Human Behavior	Transfer Equivalency Guide
Human Creativity	Transfer Equivalency Guide

YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 310	EGR 245*
MFET 310	
ENGT 365	
Approved ENMA course**	
STAT 330	MTH 283*

SPRING SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
MFET 320	
MFET 330	
MFET 340	
Approved ENMA course**	
Literature	Transfer Equivalency Guide

YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGT 434	
ENMA 401**	
Approved Manufacturing Elective***	
Approved Manufacturing Elective***	
Interpreting the Past	Transfer Equivalency Guide

SPRING SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGT 435W (C or better required)	
EET 405	
ENMA 480**	
Approved Manufacturing Elective***	
Approved Manufacturing Elective***	

TOTAL CREDIT HOURS: 121

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.

The General Education Literacy and Research, Impact of Technology, and Philosophy and Ethics are met through the major.

*** *Approved Electives: MFET 410, 420, 430, 440, 450, 460; MET 427, 431, 485*

VCCS Equivalencies Con't:

EET 120 & EET 125 both satisfied by: ETR 156, 167, 206, 207, 271, 272, 279, 280, 281, 282, or 283,

EET 120 = EGR 277

EET 125 = EGR 278