

**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)**

<b>FALL SEMESTER (17 credits)</b>		<b>SPRING SEMESTER (16 credits)</b>	
<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*	MFET 235	See below*
EET 125	See Below*	MET 200 (C or better required)	See below*
ENGT 230	EGR 110*	ENGT 270	
ENGT 200	See Below*	ENGT 286	
MATH 211(C or better required)	MTH 173, 263, 273, (261+262) or (271+272)*	Human Behavior	<a href="#">Transfer Equivalency Guide</a>
COMM 101R	<a href="#">Transfer Equivalency Guide</a>	Human Creativity	<a href="#">Transfer Equivalency Guide</a>

**YEAR 3 - JUNIOR (30 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>		<b>SPRING SEMESTER (15 credits)</b>	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
MET 310	EGR 245*	MFET 320	
MFET 310		MFET 330	
ENGT 365		MFET 340	
Approved ENMA course**		Approved ENMA course**	
STAT 330	MTH 283*	Literature	<a href="#">Transfer Equivalency Guide</a>

**YEAR 4 - SENIOR (30 CREDITS)**

<b>FALL SEMESTER (15 credits)</b>		<b>SPRING SEMESTER (15 credits)</b>	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGT 434		ENGT 435W (C or better required)	
ENMA 401**		EET 405	
Approved Manufacturing Elective***		ENMA 480**	
Approved Manufacturing Elective***		Approved Manufacturing Elective***	
<a href="#">Interpreting the Past</a>	<a href="#">Transfer Equivalency Guide</a>	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