

**United States Armed Forces / Old Dominion University
2023 – 2024 Catalog*
Military Pathway**

BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY – MECHANICAL ENGINEERING TECHNOLOGY

Requirements Potentially Satisfied Outside Classroom				
Military Course, Certification, Experience, or Exam	ODU Equivalent Course			Credits
CLEP ^{1 2 3} - College Composition (NOT Modular)	ENGL	110C	English Composition I	3
DSST – Technical Writing	ENGL	231C	Technical Writing	3
CLEP – Any one of eight available Social Sciences exams EXCEPT Introduction to Educational Psychology	HB	1REQ	Human Behavior Requirement	3
CLEP – American Literature OR Analyzing & Interpreting Literature	ENGL ENGL	114L 112L	Literature Requirement	3
CLEP – Any one of five available History exams	INTP	1REQ	Interpreting the Past Requirement	3
CLEP – Foreign Languages OR military linguist OR Defense Language Institute Foreign Language Center graduate	FR GER SPAN	101/2F 101/2F 101/2F	Language & Culture Requirement ⁴	6
Nuclear Power School – Enlisted graduate OR certain specialties	ENGN	110	Explore Engineering & Technology	2
Nuclear Power School – Enlisted graduate OR certain specialties	ENGT	111	Engineering Tech Info Literacy/Research	2
Nuclear Power School – Enlisted graduate	STEM	221 or 231	Industrial Materials or Materials & Processes Technology	3
CLEP or Nuclear Power School – Enlisted graduate	MATH	162M	Precalculus I	3
CLEP or Nuclear Power School – Enlisted graduate	MATH	163	Precalculus II	3
CLEP (lecture) or Nuclear Power School – Enlisted graduate	CHEM	121N 122N	Foundations of Chemistry Lecture Foundations of Chemistry Lab	3 1
Nuclear Power School – Enlisted graduate	PHYS	111N	Introductory General Physics I	4
Nuclear Power School – Enlisted graduate	PHYS	112N	Introductory General Physics II	4
Nuclear Power School – Enlisted graduate	MET	200	Manufacturing Processes & Methods	3
Nuclear Power School – Enlisted graduate	MET	300	Thermodynamics	3
Nuclear Power School – Enlisted graduate	MET	320	Design of Machine Elements	3
Nuclear Power School – Enlisted graduate (MMN only)	MET	330 & 335	Fluid Mechanics & Lab	4
Nuclear Power School – Enlisted graduate	MET	387	Power & Energy Lab	1
Nuclear Power School – Enlisted graduate	MET	450	Energy Systems	3
Nuclear Power School – Enlisted graduate (ETN/EMN only)	EET	350 & 355	Fundamentals of Electrical Tech & Lab	4
Nuclear propulsion plant operator, instructor, recruiter, career counselor, certain specialties	OCP	1REQ	Oral Communication Requirement	3
Potential requirements satisfied outside classroom				70

Note: Prior learning credit not to exceed 60 credit hours is also available in specific situations at a cost of 20-50% of the current tuition rate: <https://ww1.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning>

*Significant curriculum change scheduled for 2024-2025 catalog year

¹ Passing CLEP/DSST examination score is required to satisfy requirement. See <https://clep.collegeboard.org/> and <https://ww1.odu.edu/academics/academic-records/score-analysis/clep-dantes> for details.

² Student may forego CLEP/DSST examination and satisfy the requirement at ODU or other regionally accredited school. If a course is taken elsewhere check first with an ODU advisor or at <https://transfer2.odu.edu/equivalency/> to ensure transfer equivalency.

³ Modern States offers CLEP preparatory courses. See <https://modernstates.org/> for details.

⁴ Language and Culture requirement can be satisfied by 3 years of a foreign language or 2 years of 2 foreign languages in high school. Students whose native language is not English are exempt from taking a foreign language for general education.

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Requirements Satisfied at ODU or Other Regionally Accredited School

A minimum of 30 credit hours must be satisfied at ODU and 120 credits total to earn degree

Subject	Course Number	Course Title	Credits
MATH	211	Calculus I	4
Human Creativity	Multiple choices	Human Creativity Requirement	3
MET	120	Computer Aided Drafting	3
MET	210	Statics	3
MET	220 & 225	Strength of Materials & Lab	4
MET	230	Engineering Graphics & Computer Solid Modeling	3
MET	310	Dynamics	3
MET	330 & 335	Fluid Mechanics & Lab (for all except MMN)	4
MET	350	Thermal Applications	3
MET	370 & 386	Automation & Controls & Lab	4
ENGT	305	Advanced Technical Analysis	3
EET	350 & 355	Fundamentals of Electrical Tech & Lab (for all except ETN/EMN)	4
ENMA	480	Ethics & Philosophy in Engineering Applications	3
ENGT	434	Introduction to Senior Project	1
ENGT	435W	Senior Design Project	3
MET	Multiple choices	Senior Electives	9
Various	Multiple choices	Minor Requirements	12
Requirements satisfied at ODU or elsewhere			69
Total credit hours for degree			127+

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Next steps:

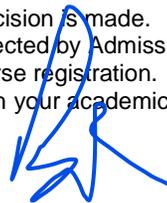
1. Submit application at <https://www.odu.edu/apply/applications>. Online students only - use application fee waiver code provided by your ODUGlobal enrollment coordinator.
2. Order your high school, college, CCAF, and/or joint service transcripts sent to admissions@odu.edu or Old Dominion University, Undergraduate Admissions, 1004 Alfred B. Rollins Jr. Hall, Norfolk, Virginia 23529-0050.
3. Electronically sign your application.
4. Monitor your application portal for status updates until an admission decision is made.
5. Accept your admission offer and set up your ODU account/email as directed by Admissions.
6. Complete orientation and meet with your academic advisor prior to course registration.
7. Finalize your degree plan based on this transfer pathway document with your academic advisor.



9/6/2023

Dr. Vukica Jovanovic
Professor and Chair
Engineering Technology Department
Old Dominion University

Date



9-10

Dr. Brian Payne
Vice Provost
Academic Affairs
Old Dominion University

Date