United States Armed Forces / Old Dominion University
Military Pathway
Catalog Years 2026-2029

BACHELOR OF SCIENCE IN OCCUPATIONAL AND TECHNICAL STUDIES – INDUSTRIAL TECHNOLOGY

Requirements Potentially Met Outside Classroom		
Military Course, Certification, Experience, or Exam	**ODU Equivalent Course**	**Credits**
Lower-Division General Education Requirements		
CLEP College Composition (NOT Modular)	ENGL 110C English Composition	3
DSST Technical Writing	Written Communication requirement	3
Select military specialties	Oral Communication requirement	Met in major
CLEP College Math, College Algebra, or Precalculus	MATH 101M, MATH 102M, or MATH 103M	3
DSST Principles of Statistics	STAT 130M Elementary Statistics	3
CLEP Foreign Languages or military linguist or DLIFLC graduate	Language and Culture requirement[1]	6
Current or previous E6-E9	STEM 251G Computer Literacy: Communication & Information	3
CLEP Introductory Psychology	PSYC 201S Introduction to Psychology	3
CLEP Any History exam	Interpreting the Past requirement	3
CLEP American or Analyzing & Interpreting Literature	Literature requirement	3
CLEP Biology	Nature of Science requirement	8
Department or Major Requirements		
CLEP Financial Accounting	ACCT 201 Principles of Financial Accounting	3
Current or previous E7-E9 or CLEP Principles of Management	MGMT 325 Contemporary Organizations and Management	3
Current or previous E8-E9	MGMT 330 Organizational Behavior	3
DSST Human Resource Management	MGMT 340 Human Resource Management	3
CLEP Principles of Marketing	MKTG 311 Marketing Principles and Problems	3
Current or previous E6-E9 or DSST Principles of Supervision	SEPS 302 Workforce Supervision Management	3
Select military specialties	SEPS 400 Instructional Systems Development	3
Select military specialties	SEPS 402 Instructional Methods in Occupational Studies	3
Select military specialties	SEPS 405 Directed Work Experience (approval required)	4
Select military specialties	STEM 221 Industrial Materials	3
Select military specialties	STEM 231 Materials and Processes Technology	3
Select military specialties	STEM 241 Energy Systems: Basic Electricity	3
Select military specialties	STEM 242 Technological Systems Control	3
Select military specialties	STEM 351 Communication Technology	3
Select military specialties	STEM 382 Industrial Design	3
	Requirements Potentially Met Outside Classroom	**84**

- See our Military Learner Checklists for additional guidance.
- See the College Level Examination Program (CLEP) exam webpage or the DANTES Subject Standardized Test (DSST) exam webpage for details.
- See the Modern States webpage for free CLEP preparatory courses.
- See our Course-By-Course Equivalency database to check transfer equivalency for courses you have taken elsewhere.

[1] ODU's Language and Culture requirement can be satisfied by three years of a foreign language or two years of two 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 Met at ODU ***A minimum of 30 credits must be taken at ODU and 120 credits total to earn degree***		
Short Title	**Course Title**	**Credits**
HMSV 339	Interpersonal Relations (meets Oral Communication requirement)	3
SEPS 195	Topics (Design & Visualization)	3
SEPS 395	Topics in Occupational Education (Design for Production)	3
SEPS 481	Professional and Career Development	3
STEM 320	Manufacturing and Construction Technology	3
STEM 365	Safety and OSHA Certification	3
STEM 370T	Technology and Society (writing intensive; C or better required; meets Impact of Technology requirement)	3
STEM 495	Topics (Building, Design, and Development)	3
Human Creativity	Human Creativity requirement (cannot be met by SEPS 223A)	3
Philosophy and Ethics	Philosophy and Ethics requirement	3
Electives	Approved Business and General electives not met elsewhere	9
	Requirements Met at ODU	**39**
	Total Credits for Degree	**120**



10/30/2026
Date

Dr. Philip Reed
Professor and Chair
Educational Leadership and Workforce Development
Old Dominion University



10.29.2026
Date

Dr. Tammi Dice
Dean
Darden College of Education and Professional Studies
Old Dominion University