

General Education Courses				
Course#	Course Title	Credit	NNAS Program	ODU Course Equivalents
ENG 111	College Composition I	3	E111 (TNCC)	ENGL 110C
ENG 115	Technical Writing	3	C232 (NNAS) (Course Substitution)	ENGL 231C
HUMANITIES	Humanities Elective	3	E126 (TNCC)	ENG 112L
SOCIAL SCI	Social Science Elective	3	H121 (TNCC)	HIST 104H
ECO 201	Principles of Macroeconomics	3	ECO 201/E201 (TNCC)	ECON 201S
MTH 161	PreCalculus I	3	M161 (CC)	MATH 162M
MTH 162	PreCalculus II	3	M162 (TNCC)	MATH 163
MTH 263	Calculus I	4	M263 (TNCC)	MATH 211
PHY 201	General College Physics I	4	P222 (NNAS) + P221 (NNAS)	PHYS 111N
PHY 202	General College Physics II	4	P202 (TNCC)	PHYS 112N
HLT/PED	Health or Physical Ed Elective	1	H210 (TNCC) or Apprentice School Athletics (NNAS) or Military	HLTH 2ELE
SDV 101	Orientation to Engineering and Technologies	1	SDV 101 (TNCC)	UNIV 100
Total General Education Course Credits		35		Total General Education Course Credits
				35

MAJOR AND OTHER COURSES				
Course #	Course Title	Credit	NNAS Program	ODU Course Equivalents
CHM 111	College Chemistry	4	C221 (TNCC)	CHEM 121N/CHEM 122N
CAD 151	Engineering Drawing Fundamentals I	3	D111 (NNAS)	MET 120
CAD 241	Parametric Solid Modeling	4	D241 or D211	MET 240
MAR 120	Introduction to Ship Systems ¹	3	N111 (NNAS) + N222 (NNAS)	N/A
MEC 133 ¹	Mechanics III-Dynamics of Engineering Technology	2	M133 (TNCC)	ENGN 110
MEC 155 ¹	Mechanisms	2	M155 (TNCC)	ENGT 111
MEC 113	Materials and Processes of Industry	3	M113 (TNCC)	MET 200
MEC 131	Mechanics I-Statics for Engineer Tech	3	M131 (TNCC)	CET 200
MEC 132	Mechanics II-Strength of Materials for Engineering Technology	3	M132 (TNCC)	CET 220
MEC 165 ¹	Applied Hydraulics, Pneumatics and Hydrostatics	3	MEC 165 (TNCC)	STEM 221/231 (Course Substitution)
N/A ¹			Apprenticeship Completion (NNAS)- OJT & Trades Experience	MET 225
Total Major and Other Course Credits		30		Total Major and Other Course Credits
				28

ADDITIONAL ODU GENERAL EDUCATION COURSE REQUIREMENT			
Course Title	Credit	NNAS Program	ODU Course Equivalents
Oral Communication ²	3	N/A	Refer to ODU Undergraduate Catalog for course options
Human Creativity: Fine & Performing Arts ²	3	N/A	Refer to ODU Undergraduate Catalog for course options

Note: The lower-division general education requirements will be met by completion of all courses outlined in this program agreement.

Student must earn C or better for courses to transfer.

To participate in this articulation agreement please visit Old Dominion University's website to complete the Letter of Intent: <http://www.odu.edu/transfer/vccs>

Completion of this articulation agreement alone does not guarantee admission to Old Dominion University. All students must meet the requirements set by the Office of Admissions and the Guaranteed Admissions Agreement (GAA). Please visit admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.

Requirements for BS to be Completed at ODU

EET	350	Fundamentals of Electrical Tech.	3
EET	355	Electrical Laboratory	1
MET	300	Thermodynamics	3
MET	310	Dynamics	3
MET	320	Design of Machine Elements	3
ENGT	305	Advanced Technical Analysis	3
MET	330	Fluid Mechanics	3
MET	335W	Fluid Mechanics Laboratory	1
MET	350	Thermal Applications	3
MET 370 & 386		Automation and Controls & Automation and Controls Lab	4
ENMA	480	Ethics and Philosophy in Engineering Applications	3
MET	387	Power and Energy Laboratory	2
MET	434	Intro to Senior Project	1
ENGN	401	Fund. of Engineering Review	1
MET	435W	Senior Design Project (grade of C or better required)	3
Senior Electives		(MET)	12
Minor	Students must select from any minor in either the College of Engineering and Technology or the College of Sciences		12
Total Credits to be Taken at ODU			61
Total Transfer Credits			69
Total Credits			130

Regina D. McLean 5/27/2020
Signature Date

Regina D. McLean
Training Manager, Academics
Apprentice School

Latitia D. McCane 5-27-20
Signature Date

Dr. Latitia D. McCane
Director, Education
Apprentice School

Brian Payne 5.27.20
Signature Date

Dr. Brian Payne
Vice Provost, Academic Programs
Old Dominion University