

Central Virginia Community College/Old Dominion University

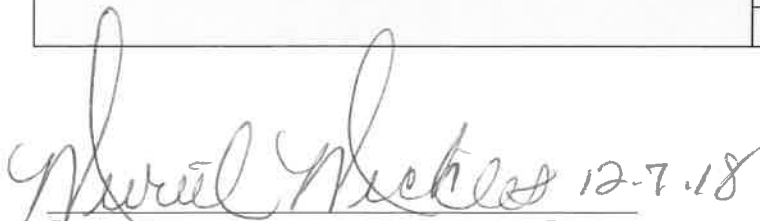
2018-2019 Catalog


ARTICULATION AGREEMENT

Associate of Applied Science in Engineering Technology with General Education Courses to
Bachelor of Science in Engineering Technology -Mechanical Engineering Technology

Central Virginia Community College Associate of Applied Science				Old Dominion University Equivalency			
MTH	167	PreCalculus with Trigonometry*	5	MATH	163	Precalculus II	5
DRF	201	Computer Aided Draft. and Design I*	3	MET	120	Computer-Aided Drafting	3
ECO	120	Survey of Economics	3	ECON	200S	Basic Economics	3
EGR	100	Engineering Technology Orientation	1	ENGN	1ELE	Elective	1
EGR	127	Introduction to Computer Programming	2	CS	1ELE	Elective	2
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
SDV	100	College Success Skills	1	UNIV	101	University Orientation	1
EGR	135	Statics for Engineering Technology*	3	CET	200	Statics	3
MTH	263	Calculus with Analytic Geometry I*	4	MATH	211	Calculus I	4
EGR	136	Strength of Materials for Eng. Tech.*	3	CET	220	Strength of Materials	3
DRF	161	Blueprint Reading I*	2	STEM	1ELE	Elective (Substitute for ENGN 110)	2
DRF	241	Parametric Solid Modeling*	3	MET	240	Comp. Solid Modeling	3
CIV	220	Structural Analysis	3	ENGN	2ELE	Elective	3
CIV	240	Fluid Mechanics and Hydraulics	3	ENGN	1ELE	Elective	3
MEC	133	Mechanics III – Dynamics for Engineering Technology*	3	ENGN	1ELE	Elective (Substitute for ENGT 111)	3
CHM	111	College Chemistry I*	4	CHEM 121N/122N		Foundations of Chemistry	4
ENG	131	Technical Report Writing I*	3	ENGL	231C	Intro to Tech Writing	3
ETR	113	Practical Electricity*	4	EET	110	Electrical Circuits	4
PHY 201/202	General College Physics I and II*		8	PHYS 111N/ 112N		General Physics I and II	8
Humanities Elective	Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in any of the following categories: Philosophy and Ethics, Human Creativity, or Literature		3	Liberal Arts Courses: Literature, Philosophy and Ethics, or Human Creativity			3
Total Credits for AAS Degree			64	Transfer Credits from AAS Degree			64
Additional Required Courses for BS Degree				ODU Equivalency			
CST	100	Public Speaking*	3	COMM	101R	Public Speaking	3
IND	102	Quality Assurance Technology II*	3	STEM	221	Industrial Materials	3
IND 113 and MEC 210	Materials and Proc. In Manufacturing I and Machine Design*		5	MET	200	Manuf. Proc. and Methods	5
Social Science or Humanities Electives	Choose two courses from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in any of the following categories: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture		6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
Additional Credits Required			17				17

				Requirements for BS to be Completed			
<p>Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.</p> <p>*Student must earn C or better for course to transfer.</p> <p>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</p> <p>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.</p>				EET	350	Fund. of Electrical Tech.	3
				EET	355	Electrical Laboratory	1
				MET	300	Thermodynamics	3
				MET	310	Dynamics	3
				MET	320	Design of Machine Elements	3
				CET	345W	Materials Testing Lab or MET 225 – Materials Science Lab for 1 credit	2
				EET	305	Adv. 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 (fulfills Philosophy and Ethics requirement)	3
				MET	387	Power and Energy Laboratory	2
				ENGT	434	Intro to Senior Project	1
				ENGN	401	Fund. of Engineering Review	1
				ENGT	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
				Credits to be Taken at ODU			63
				SUMMARY			
Transfer Credits from AAS Degree			64				
Additional Credits Required			17				
Credits to be Taken at ODU			63				
Total Credits			144				


 Signature _____ Date 12-7-18


 Signature _____ Date 1/15/19

Dr. Muriel Mickles
 Vice President for Academic
 Affairs and Student Services
 Central Virginia Community College

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