

Central Virginia Community College/Old Dominion University

2018-2019 Catalog

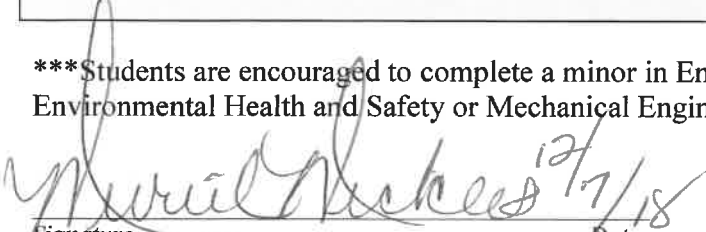
ARTICULATION AGREEMENT

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

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	CET	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**	2
DRF	241	Parametric Solid Modeling	3	MET	240	Comp Solid Modeling (Substitute for ENGN 110)	3
CIV	220	Structural Analysis*	3	ENGN	2ELE	Elective **	3
CIV	240	Fluid Mechanics and Hydraulics*	3	ENGN	1ELE	Elective (Substitute for CET 330)	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
CIV	171	Surveying*	3	CET	205	Principles of Surveying	3
CIV	210	Structural Systems*	3	CET	210	Fund. of Building Construct.	3
Social Science, Fine Arts, 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			15				15

<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> <p>** EGR 127, DRF 161, CIV 220, and ETR 113 will be used to fulfill 2 of the 5 CET Electives required.</p>	Requirements for BS to be Completed at ODU			
	CET	301	Structural Analysis	3
	ENMA	480	Ethics and Philosophy in Engineering App.(Fulfills Philosophy and Ethics)	3
	CET	340	Soils and Foundations	3
	CET	341W	Soils Testing Lab (grade of C or better required)	2
	CET	345W	Materials Testing Lab (grade of C or better required)	2
	CET	355	Sustainable Building Practices	3
	CET	260/360	Plans and Specifications	3
	ENGT	434	Intro to Senior Project	1
	CET	440	Contract Documents	3
	EET	305	Advanced Technical Analysis	3
	MET	335W	Fluid Mechanics Lab (grade of C or better required)	1
	ENMA	302	Engineering Economics	3
	ENGN	401	Fundamentals of Engineering Review	1
	CET 410 or 450		Reinforced Concrete Design or Structural Steel Design	3
	ENGT	435W	Senior Design Project (grade of C or better required)	3
	EET	370T	Energy and the Environment	3
	CET	ELE	Electives	9
	Upper Division		General Education (one or more additional courses will be required to complete a minor)***	6
	Credits to be Taken at ODU			55
SUMMARY				
Transfer Credits from AAS Degree			64	
Additional Credits Required			15	
Credits to be Taken at ODU			55	
Total Credits			134	

***Students are encouraged to complete a minor in Engineering Management, Business Management, Environmental Health and Safety or Mechanical Engineering Technology.


 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