## Lord Fairfax Community College/Old Dominion University

2018-2019 Catalog

## ARTICULATION AGREEMENT

Associate of Applied Science in General Engineering Technology: Civil Engineering Technology Specialization with General Education Courses to

Bachelor of Science in Engineering Technology- Civil Engineering Technology

	ord Fairfax Community College Associate of Applied Science		Old Dominion University  Equivalency				
EGR	110	Engineering Graphics*	3	CET	120	Computer Aided Drafting	1 2
ARC	130	Materials and Methods of Construction*	3	CET	210	Fund. of Building Construction	3
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
MTH	161	PreCalculus I*	3	MATH	162M	Precalculus I	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
EGR	216	Computer Methods in Engineering and Technology*	3	ENGN	2ELE	Elective (Substitute for ENGT 111)	3
IND	145	Intro to Metrology	3	STEM	1ELE	Elective	3
ARC	221	Architectural CAD Applic. Software I*	3	ENGN	2ELE	Elective (Substitute for ENGN 110)	3
MTH	162	PreCalculus II *	3	MATH	163	Precalculus II	3
CIV	171	Surveying I*	3	CET	205	Principles of Surveying	3
EGR 135 & 136		Statics for Engineering Technology* and Strengths of Materials*	6	CET 200 & 220		Statics & Strength of Materials	6
PHY	201	General College Physics I*	4	PHYS	111N	General College Physics I	4
CIV	172	Surveying II	3	ENGN	1ELE	Elective	3
Technical E		Take MTH 263– Calculus I*	4	MATH	211	Calculus I	4
Technical E	lective		4	CHEM 1	21/122N	Foundations of Chemistry	4
Social Science	ELE	Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in the category of Human Behavior	3	НВ	1REQ	Human Behavior – Way of Knowing	3
EGR	206	Engineering Economics*	3	ENMA	302	Engineering Economics	3
Social Science	ELE	Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in the category of Interpreting the Past	3	INTP	1REQ	Interp. the Past Way of Knowing	3
HLT/PED	ELE	Health or Physical Education	1	HLTH/	PE ELE	Elective	1
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
PHY	202	General College Physics II*	4	PHYS	112N	General Physics II	4
Total Credits in AAS Degree			69	Tra	nsfer Cı	edits from AAS Degree	69
Additional Required Courses for BS Degree				ODU Equivalency			
CST 100 or	110	Principles of Public Speaking* or Introduction to Speech Communication*	3	COMM	101R	Public Speaking	3
Social Science, Fine Arts, or 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: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture	3	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture		3	
Additional Credits Required			6	101			6

	Requirements for BS to be Completed at ODU				
	CET	301	Structural Analysis	3	
	CET	330	Fluid Mechanics	3	
	CET	340	Soils and Foundations	3	
	CET	341W	Soils Testing Lab (grade of C or better required)	2	
Note: The lower division general education requirements	CET	345W	Materials Testing Lab (grade of C or better required)	2	
will be met by completion of all courses outlined in this	CET	355	Sustainable Building Practices	3	
program agreement.	CET	260/360	Plans and Specifications	3	
	ENGT	434	Intro to Senior Project	1	
*Student must earn C or better for course to transfer.	CET	440	Contract Documents	3	
	EET	305	Advanced Technical Analysis	3	
To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:	MET	335W	Fluid Mechanics Lab (grade of C or better required)	1	
http://www.odu.edu/transfer/vccs	ENMA	480	Ethics and Philosophy in Engineering Applications	3	
Completion of this articulation agreement alone does not guarantee admission to Old Dominion University. All	ENGN	401	Fundamentals of Engineering Review	1	
students must meet the requirements set by the Office of Admissions and the Guaranteed Admissions Agreement	CET 410 or 450		Reinforced Concrete Design or Structural Steel Design	3	
(GAA). Please visit admissions.odu.edu for more information regarding guaranteed admission to Old	ENGT	435W	Senior Design Project (grade of C or better required)	3	
Dominion University.	EET	370T	Energy and the Environment	3	
	CET	ELE	Electives	15	
		Division	General Education (one or more additional courses will be required to complete a minor)***	6	
	Credits to be Taken at ODU				
	SUMMARY Transfer Credits from AAS Degree Additional Credits Required Credits to be Taken at ODU Total Credits				

Dr. Karen Kellison

Vice President of Academic and Student Affairs

Lord Fairfax Community College

Signature

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