

# Lord Fairfax Community College/Old Dominion University

2017-2018 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

Lord Fairfax Community College Associate of Applied Science				Old Dominion University Equivalency			
EGR	110	Engineering Graphics*	3	CET	120	Computer Aided Drafting	3
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	163	Pre-Calculus I*	3	MATH	162M	Pre-Calculus 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	164	Pre-Calculus II *	3	MATH	163	Pre-Calculus 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 Elective		Take MTH 173– Calculus with Analytic Geometry I OR MTH 271+272*	5	MATH	211	Calculus I	5
Technical Elective		Take CHM 111 – General Chemistry I*	4	CHEM 121/122N		Foundations of Chemistry	4
Social Science	ELE	PLS 135, 211, ECO 201, 202, GEO 210, SOC 200, PSY 200, 230, or 235	3	HB	1REQ	Human Behavior – Way of Knowing	3
EGR	206	Engineering Economics*	3	ENMA	302	Engineering Economics	3
Social Science	ELE	HIS 111, 112, 121 or 122	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		ENG 241, 242, 243, 251, PHI 220, or REL 230, HUM 201, 260, MUS 121, or Foreign Lang. Level I or II	3	Liberal Arts Courses: Literature, Philosophy and Ethics, Human Creativity, or Language and Culture			
PHY	202	General College Physics II*	4	PHYS	112N	General Physics II	4
<b>Total Credits in AAS Degree</b>			<b>70</b>	<b>Transfer Credits from AAS Degree</b>			<b>70</b>
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 or Humanities Elective		ENG 241, 242, 243, 251, HIS 101, 111, 112, 121, or 122, PHI 220, or REL 230, HUM 201, 260, MUS 121, or Foreign Lang. Level I or II	3	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			
<b>Additional Credits Required</b>			<b>6</b>	<b>Additional Credits Required</b>			<b>6</b>

<p><b>Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.</b></p> <p><b>*Student must earn C or better for course to transfer.</b></p> <p><b>To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:</b>  <a href="https://www.odu.edu/newtransfer/letter-of-intent">https://www.odu.edu/newtransfer/letter-of-intent</a></p> <p><b>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.</b></p>	<b>Requirements for BS to be Completed at ODU</b>			
	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
	CET	345W	Materials Testing Lab (grade of C or better required)	2
	CET	355	Sustainable Building Practices	3
	CET	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	480	Ethics and Philosophy in Engineering Applications	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
	CET	ELE	Electives	15
	Upper Division		General Education (one or more additional courses will be required to complete a minor)***	6
<b>Credits to be Taken at ODU</b>			<b>58</b>	
<b>SUMMARY</b>				
<b>Transfer Credits from AAS Degree</b>			<b>70</b>	
<b>Additional Credits Required</b>			<b>6</b>	
<b>Credits to be Taken at ODU</b>			<b>58</b>	
<b>Total Credits</b>			<b>134</b>	

 1/15/18  
*Signature* *Date*

Dr. Kimberly P. Blosser  
Vice President of Academic and Student Affairs  
Lord Fairfax Community College

 2/6/18  
*Signature* *Date*

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