

Northern Virginia Community College/Old Dominion University

2018-2019 Catalog

ARTICULATION AGREEMENT

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


Northern Virginia Community College Associate of Applied Science				Old Dominion University Equivalency			
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
CST 100 or 110		Principles of Public Speaking* or Introduction to Communication*	3	COMM	101R	Public Speaking	3
MTH	167	PreCalculus with Trigonometry*	5	MATH	163	Precalculus II	5
Social Science Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in the category of Human Behavior	3	HB	1REQ	Human Behavior Way of Knowing	3
Humanities / Fine Arts 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	Philosophy and Ethics, Human Creativity, or Literature Way of Knowing			3
ARC	138	Structures of Architects	3	STEM	1ELE	Elective	3
ARC	123-124	Architectural Graphics I and II*	6	STEM	1ELE	Elective**	6
ARC	200	History of Architecture*	4	STEM	2ELE	Elective (Substitute for ENGN 110 and ENGT 111)	4
ARC	133	Construction Methodology & Procedures I*	3	CET	210	Fundamentals of Building Construction	3
ARC	134	Construction Methodology & Procedures II*	3	STEM	2ELE	Elective**	3
CAD 201,202 and 203		Computer Aided Drafting and Design I*-II and III*	11	CET 120 & ENGN 2ELE		Computerized Aided Drafting and Elective (substitute one ENGN 2ELE for CET 260)	11
ARC	225	Site Planning*	3	STEM	2ELE	Elective**	3
ARC	231-232	Architectural Design and Graphics I & II*	8	STEM	2ELE	Elective**	8
Technical Elective		EGR 130 - Statics & Strengths of Materials required for BS degree* (Request substitution)	5	CET 200 & 220		Statics & Strength of Materials	5
ARC	243	Environmental Systems*	4	STEM	2ELE	Elective**	4
ARC	298	Seminar or ARC Technical Elective	2	--	ELE	Elective	2
PED	116	Lifetime Fitness and Wellness	1	PE	1ELE	Elective	1
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
Total Credits in AAS Degree			71	Transfer Credits from AAS Degree			71
Additional Required Courses for BS Degree				ODU Equivalency			
PHY 201-202		General College Physics I and II*	8	PHYS 111N-112N		General Physics I and II	8
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
CIV	171	Surveying I*	3	CET	205	Principles of Surveying	3
MTH	173	Calculus with Analytic Geometry I*	5	MATH	211	Calculus I	5
Humanities, Fine Arts, or Social Science 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
CHM	111	General Chemistry I*	4	CHEM 121N/122N		Found. of Chemistry I	4
Additional Credits Required			29				29

		Requirements for BS to be Completed at ODU		
		Course	Credits	
<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/vecs</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 or the Guaranteed Admissions Agreement (GAA). Please visit admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.</p> <p>**ARC 123, ARC 124, ARC 134, ARC 225, ARC 231, ARC 232, and ARC 243 will be used to fulfill 2 of the 5 CET Electives required.</p>	CET	345W	Materials Testing Lab (grade of C or better required)	2
	EET	305	Advanced Technical Analysis	3
	CET	301	Structural Analysis	3
	CET	330	Fluid Mechanics	3
	MET	335W	Fluid Mechanics Lab (grade of C or better required)	1
	CET	355	Sustainable Bldg Practices	3
	CET	340	Soils and Foundations	3
	CET	341W	Soils Testing Lab (grade of C or better required)	2
	ENMA	480	Ethics and Philosophy in Engineering Applications	3
	ENMA	302	Engineering Economics	3
	CET	440	Contract Documents	3
	ENGT	434	Intro to Senior Project	1
	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			71	
Additional Credits Required			29	
Credits to be Taken at ODU			55	
Total Credits			155	

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


 Signature _____ Date 10-11-19

Dr. Sharon Robertson
 Associate Vice President, Academic Services
 Northern Virginia Community College


 Signature _____ Date 10/21/19

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