

Reynolds Community College/Old Dominion University

2016-2017 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science in Architectural and Engineering Technology

(Contemporary Technology for Design Specialization)

with General Education Courses to

Bachelor of Science in Engineering Technology (Civil Engineering Technology Program)

Reynolds Community College Associate of Applied Science				Old Dominion University Equivalency			
SDV	100	College Success Skills	1	UNIV	101	University Orientation	1
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
MTH	163	PreCalculus I* (Substitute for MTH 115)	3	MATH	162M	PreCalculus I	3
ARC	121	Architectural Drafting I	3	STEM	1ELE	Elective	3
ARC	131	Materials and Methods of Construction I*	3	CET	210	Fundamentals of Building Construction	3
BLD	103	Principles of Residential Bldg Const. Insp.	3	STEM	1ELE	Elective	3
DRF	238	Computer-Aided Modeling and Rendering I*	3	MET	240	Computer Solid Modeling**	3
CSC	155	Computer Concepts and Applications	3	ITL	1REQ	Impact of Technology	3
BLD	210	Building Structures*	3	STEM	2ELE	Elective**	3
ARC	132	Materials and Methods of Construct II	3	STEM	1ELE	Elective	3
ARC	221	Architecture CAD Applications Software*	3	STEM	1ELE	Elective(Substitute for ENGT 110)	3
DRF	231	Computer Aided Drafting I*	3	CET	120	Computer Aided Drafting	3
DRF	232	Computer Aided Drafting II*	3	ENGN	ELE	Elective**	3
----	ELE	Personal Wellness Elective	1	----	ELE	Elective	1
ARC	122	Architectural Drafting II	3	STEM	1ELE	Elective	3
CIV	171	Surveying I*	3	CET	205	Principles of Surveying	3
ARC	201	History of Modern Architecture*	3	STEM	2ELE	Elective**	3
ARC	241	Building Mechanical Systems*	3	STEM	2ELE	Elective**	3
Social Science Elective		ECO 120, 201, 202, GEO 200, 210, PSY 201, 202, PSY 230, 235 or SOC 200*	3	HB	1REQ	Human Behavior Way of Knowing	3
BLD	231	Construction Estimating*	3	STEM	2ELE	Elective**	3
ARC	222	Architectural CAD Applications Software II	3	STEM	2ELE	Elective(Substitute for ENGT 111)	3
ARC	242	Building Electrical Systems*	3	STEM	2ELE	Elective**	3
BLD	200	Sustainable Construction*	3	STEM	2ELE	Elective (Substitute for CET 355)	3
Total Credits for AAS Degree			65	Transfer Credits from AAS Degree			65
Additional Required Courses for BS Degree				ODU Equivalency			
HUM	ELE	ART 100, 101, 102, 106, CST 151 or MUS 121*	3	HC	1REQ	Human Creativity Way of Knowing	3
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
EGR	135	Statics for Engineering Technology*	3	CET	200	Statics	3
MTH	173	Calculus with Analytical Geometry*	5	MATH	211	Calculus I	5
PHY	201	General College Physics I*	4	PHYS	111N	General Physics I	4
MTH	164	PreCalculus II*	3	MATH	163M	PreCalculus II	3
EGR	136	Strength of Materials for Engineering Technology*	3	CET	220	Strength of Materials	3
HIS	ELE	101, 102, 111, 112, 121 or 121*	3	INTP	1REQ	Inter. the Past Way of Knowing	3
CST	ELE	100, 105 or 110*	3	COMM	101R	Public Speaking	3
CHM	111	College Chemistry I*	4	CHEM 121N/122N		Foundations of Chemistry	4
PHY	202	General College Physics II*	4	PHYS 112N		General Physics II	4
HUM	ELE	ENG 241, 242, 243, 244, 251, 252, 253 or 254*	3	LIT	1REQ	Literature Way of Knowing	3
Additional Credits Required			41				41

		Requirements to be Completed at ODU		
<p>The lower division general education Language and Culture and Impact of Technology requirements will be satisfied by completion of all courses outlined in this program agreement.</p> <p>Information Literacy and Research is met through the major.</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: https://www.odu.edu/newtransfer/letter-of-intent</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>**DRF 238, BLD 210, DRF 232, ARC 201, ARC 241, BLD 231, and ARC 242 will be used to fulfill 2 of the 5 CET Electives required.</p>	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	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
	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
	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			52	
SUMMARY				
Transfer Credits from AAS Degree			65	
Additional Credits Required			41	
Credits to be Taken at ODU			52	
Total Credits			158	

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


 Signature

2.15.2017
 Date


 Signature

3/20/17
 Date

Dr. Gary L. Rhodes
 President
 Reynolds Community College

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