

John Tyler Community College/Old Dominion University

2017-2018 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science in Architectural Engineering Technology
with General Education Courses to

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

John Tyler Community College Associate of Applied Science				Old Dominion University Equivalency			
MTH	163	PreCalculus I*	3	MATH	162M	PreCalculus I	3
MTH	164	PreCalculus II*	3	MATH	163	PreCalculus II	3
ARC	221-222	Architectural CAD Applications Software I & II*	6	CET 120 and ENGN 2ELE		Computer-Aided Drafting and Elective**	6
CST	100	Public Speaking*	3	COMM	101R	Public Speaking	3
ARC	121-122	Architectural Drafting I*-II*	6	STEM	1ELE	Elective (Substitute for ENGN 110 & ENGT 111)	6
ARC	258	Building Codes, Contract Documents and Professional Office Practices*	3	STEM	2ELE	Elective**	3
ARC	243	Environmental Systems*	4	STEM	2ELE	Elective**	4
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
MEC	270	Computations for Engineering Technology*	3	ENGN	2ELE	Elective**	3
CIV	171	Surveying I*	3	CET	205	Principles of Surveying	3
MEC	131	Mechanics I – Statics for Engineering Technology*	3	CET	200	Statics	3
HLT/PED	ELE	Health Physical Education Elective	2	HLTH/PE	ELE	Elective	2
Social Science	ELE	ECO 120, 201, 202, GEO 200, 210, PLS 135, 241, PSY 200, 230, 235, SOC 200 or 211*	3	HB	1REQ	Human Behavior Way of Knowing	3
ARC	231	Advanced Architectural Drafting I*	4	STEM	2ELE	Elective**	4
ARC	232	Advanced Architectural Drafting II*	4	STEM	2ELE	Elective**	4
ARC	246	Materials and Methods of Construct.*	4	CET	210	Fund. of Building Construct.	4
CHM	111	College Chemistry I*	4	CHEM	121N/122N	Foundations of Chemistry	4
Humanities Elective		ENG 241, 242, 251 PHI 101, 111, 220 or REL 230, CST 130, HUM 201, MUS 121, or Foreign Language Level I or II	3	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			3
Total Credits for AAS degree			65	Transfer Credits from AAS Degree			65
Additional Required Courses for BS Degree				ODU Equivalency			
MEC	132	Mechanics II- Strength of Materials for Engineering Technology*	3	CET	220	Strength of Materials	3
Social Science or Humanities Elective		ENG 241, 242, 251, HIS 101, 102, 111, 112, 121, or 122, PHI 101, 111, 220, or REL 230, CST 130, HUM 201, MUS 121, or Foreign Language Level I or II	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
PHY	201/202	General College Physics I and II*	8	PHYS	111N/112N	General Physics I and II	8
MTH	173	Calculus with Analytical Geometry*	5	MATH	211	Calculus I	5
Additional Credits Required			25				25

				Requirements for BS to be completed at ODU			
<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: 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>**ARC 222, ARC 258, ARC 243, MEC 270, ARC 231, and ARC 232 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	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
				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			55
				SUMMARY			
Transfer Credits from AAS Degree			65				
Additional Credits Required			25				
Credits to be Taken at ODU			55				
Total Credits			145				

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


 Signature _____ Date 12/18/17

Edward E. Raspiller, Ed.D.
 President
 John Tyler Community College


 Signature _____ Date 1/18/18

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