

Tidewater Community College/Old Dominion University

2015-2016 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science, Computer-Aided Drafting and Design Technology

Specialization: Architectural Drafting and Design Technology

With Transfer General Education Courses to

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

Tidewater Community College AAS in Computer-Aided Drafting and Design Technology Specialization: Architectural Drafting and Design Tech.				Old Dominion University BS in Engineering Technology Civil Engineering Technology			
ARC	100	Introduction to Architecture	3	STEM	1ELE	Elective	3
CAD	151	Engineering Drawing Fundamentals I	3	STEM	1ELE	Elective	3
CAD	201	Computer Aided Drafting and Design I*	4	CET	120	Civil 2D Computerized Aided Drafting	4
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
MTH	163	Precalculus I*	3	MATH	162M	Precalculus I	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
ARC	121	Architectural Drafting I	3	STEM	1ELE	Elective	3
ARC	133	Construction Methodology and Procedures I*	3	STEM	1ELE	Elective	3
CAD	202	Computer Aided Drafting and Design II*	4	ENGN	ELE	Elective (Substitute for ENGN 110)	4
MTH	164	Precalculus II*	3	MATH	163	Precalculus II	3
Approved Technical Elective		ARC 246-Materials and Methods of Construction*	4	CET	210	Fundamentals of Building Construction	4
HLT/PED ELE		Approved HLT/PED Elective	2	HLTH/PE ELE		Elective	2
ARC	122	Architectural Drafting II	3	STEM	1ELE	Elective (Substitute for ENGT 111)	3
ARC	221	Architectural CAD Applications Software I	3	STEM	2ELE	Elective	3
MEC	131	*Mechanics I – Statics for Engineering Tech	3	CET	200	Statics	3
PHY	201	*General College Physics I	4	PHYS	111N	Introductory General Physics I	4
Social Science	ELE	ECO 201, 202, GEO 210, PLS 211, 212, 241, PSY 200, 201, 202, 230, 231, 232, 235, SOC 200, 201, 202, 211 or 212*	3	HB	1REQ	Human Behavior Way of Knowing	3
Social Science	ELE	HIS 101, 102, 111, 112, 121 or 122*	3	INTP	1REQ	Interpreting the Past Way of Knowing	3
CAD	280	Design Capstone Project	3	GNRL	2ELE	Elective	3
MEC	132	Mechanics II Strength of Materials	3	CET	220	Strength of Materials	3
PHY	202	General College Physics II	4	PHYS	112N	Introductory General Physics II	4
HUM	ELE	ENG 125, 241, 242, 243, 244, 251, 252 or 253*	3	LIT	1REQ	Literature Way of Knowing	3
Total in AAS degree			68	Total Transfer for ODU degree			68
Additional Required Courses				ODU Equivalency			
CST	100	Principles of Public Speaking* or CST 110*	3	COMM	101R	Public Speaking	3
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
HUM	ELE	ART 201, 202, CST 130, 141, HUM 201, 202, 260, MUS 121 or 122*	3	HC	1REQ	Human Creativity Way of Knowing	3
CHM	111	College Chemistry I*	4	CHEM 121N/ 122N		Foundations of Chemistry I	4
MTH	173	Calculus with Analytic Geometry I*	5	MATH	211	Calculus I	5
Total Additional Credits			18	Total Additional Credits			18
Total credits earned at TCC			86	Total credits transferred to ODU			86

		Additional Old Dominion University Requirements			
		Course ID	Credits		
<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 and Philosophy and Ethics are 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>		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	2
		CET	355	Sustainable Building Practices	3
		CET	360	Plans and Specifications	3
		CET	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	302	Engineering Economics	3
		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
		CET	475	Senior Design Project	3
		CET	ELE	Electives	15
		Upper Division		General Education (one or more additional courses will be required to complete a minor)***	6
		Total Credits to be Taken at ODU			61
		Total Transfer Credits from Community College			86
		Total Credits to be Taken at ODU			61
		Total Credits for Degree at ODU			147


SUMMARY

All 100/200-level required math, science and engineering technology courses must be completed prior to enrollment in any 300-level engineering technology courses with a C or better.

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


 Signature Date 12/29/2015

Dr. Kellie C. Sorey
 Associate Vice President for Academics
 Tidewater Community College


 Signature Date 12/19/15

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