

Tidewater Community College/Old Dominion University

2013-2014 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science, Civil Engineering Technology

With Transfer General Education Package to

Bachelor of Science in Engineering Technology Civil Engineering Technology

TCC A.A.S. in Civil Engineering Technology				ODU B.S. in Engineering Technology Civil Engineering Technology			
Major				Major			
CIV	110	Intro to Civil Engineering Technology	2	ENGN	ELE	(Substitute for ENGN 110)	2
CIV	115	Civil Engineering Drafting	3	ENGN	ELE	(Substitute for ENGT 111)	3
CIV	171	*Surveying I	3	CET	305	Principles of Surveying	3
CIV	172	Surveying II	3	ENGN	ELE	Approved Elective	3
CIV	200	Fundamentals of Building Construction	3	ENGN	ELE	Elective	3
CIV	225	Soil Mechanics	3	CET	340	Soils and Foundations	3
CIV	226	Soil Mechanics Laboratory	1	CET	341W	Soils Testing Laboratory	1
CIV	230	Civil Construction Materials	3	ENGN	ELE	Elective	3
CIV	240	*Fluid Mechanics and Hydraulics	3	MET	330	Fluid Mechanics	3
MEC	131	*Mechanics I – Statics for Engineering Technology	3	CET	200	Statics	3
MEC	132	*Mechanics II – Strength of Materials for Engineering Technology	3	CET	220	Strength of Materials	3
----	ELE	*Approved Technical Elective (CHM 111 College Chemistry I)	4	CHEM	121N/ 122N	Foundations of Chemistry I	4
----	ELE	*Approved Technical Elective (MTH 173 Calculus)	5	MATH	211	Calculus I	5
----	ELE	*Approved Technical Elective (PHY 201 College Physics I)	4	PHYS	111N	Introductory General Physics I	4
----	ELE	*Approved Technical Elective (PHY 202 College Physics II)	4	PHYS	112N	Introductory General Physics II	4
----	ELE	*Approved Technical Elective (CAD 201)	3	MET	120	Computer Aided Drafting	3
ENG	111	College Composition I	3	ENGL	110C	English Composition	3
MTH	163	*Pre-Calculus I	3	MATH	162M	Pre-Calculus I	3
MTH	164	*Pre-Calculus II	3	MATH	163	Pre-Calculus II	3
SDV	101	Orientation to Engineering and Technologies	1	UNIV	100	Orientation	1
HLT/PED	ELE	Health or PE Elective	2	HLT/PE	ELE	Health / PE Elective	2
HUM	ELE	Choose one: ENG 125, 241, 242, 243, 244, 251, 252 or 253	3	LIT	1REQ	Literature Way of Knowing	3
Social Science	ELE	Select one social/behavioral science elective from general education certificate (not HIS)	3	HB	1REQ	Human Behavior Way of Knowing	3
Social Science	ELE	Select one social/behavioral science elective HIS 101, 102, 111, 112, 121 or 122	3	INTP	1REQ	Inter. the Past Way of Knowing	3
Total for AAS			71	Total Transfer			71
Additional General Education for Transfer Package				ODU General Education Requirement			
HUM	ELE	Choose one: ART 201, 202, CST 130, 141, HUM 201, 202, 260, MUS 121 or 122	3	HC	1REQ	Human Creativity Way of Knowing	3
ENG	112	*College Composition II	3	ENGL	211C	English Composition	3
Additional Required Courses				Additional Courses to Transfer to ODU			
CST	100	*Principles of Public Speaking	3	COMM	101R	Public Speaking	3
Total credits at TCC			80	Total Transferable Credits			80

<p>Note: 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>Philosophy and Ethics and Information Literacy and Research are satisfied in the major.</p> <p>To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent: http://uc.odu.edu/advising/transfer/letterofintent.shtml</p> <p>Completion of this articulation agreement 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>	Additional Requirements - ODU				
	EET	305	Advanced Technical Analysis	3	
	CET	301	Structural Analysis	3	
	CET	ELE	Electives	12	
	MET	335W	Materials Testing Lab	1	
	CET	360	Plans and Specifications	3	
	MET	310	Dynamics	3	
	CET	434	Intro to Senior Project	1	
	CET	345W	Materials Testing Lab	2	
	ENMA	302	Engr. Economics	3	
	ENMA	480	Ethics and Philosophy in Engineering Applications	3	
	ENGN	401	FE Review	1	
	CET	440	Contract Documents	3	
	CET	450	Structural Steel Design	3	
	CET	400	Computer Applications in Structural Design	1	
	CET	410	Reinforced Concrete Design	3	
	CET	475	Senior Design Project	3	
	Upper	Gen Ed	Upper Division courses	6	
Total Credits to be Taken at ODU			54		
SUMMARY				Total Transfer Credits in AS degree	71
				Total Additional General Education Credits	9
				Credits to be Taken at ODU	54
				Total Credits for B.S. Degree at ODU	134

*Departmental requirement at ODU student must earn a C or better at TCC to transfer and earn credit at ODU.

**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.

***B.S.C.E.T. requires students to complete an approved engineering, engineering technology, math or science minor.

Signature

Date

Dr. Daniel T. DeMarte
Vice President for Academic Affairs & CAO
Tidewater Community College

Signature

Date

Dr. Carol Simpson
Provost and Vice-President, Academic Affairs
Old Dominion University