

# Tidewater Community College/Old Dominion University

2014-2015 Catalog

## ARTICULATION AGREEMENT

Associate of Applied Science in Electronics Technology  
with Transfer General Education Courses to

Bachelor of Science in Engineering Technology in Electrical Engineering Technology  
Electrical Systems Technology Concentration

<b>Tidewater Community College</b> <b>Associate of Applied Science in Electronics Technology</b>				<b>Old Dominion University</b> <b>Bachelor of Science in Engineering Technology</b>			
<b>Major</b>				<b>Major</b>			
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
ETR	104	Electronic Fundamentals with Computer Applications*	4	ENGN	ELE	Elective (Substitute for ENGN 110 and ENGT 111)	4
MTH	166	Precalculus with Trigonometry*	5	MATH 162M & 163M		Precalculus I and II	5
SDV	101	Orientation to Engineering & Technologies	1	UNIV	100	University Orientation	1
HLT/PED	ELE	Health/Physical Education Elective	2	HE/PE	ELE	Health or PE elective	2
HUM	ELE	ENG 125, 241, 242, 243, 244, 251, 252 or 253*	3	LIT	1REQ	Literature Way of Knowing	3
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
ETR 113 & 114		DC and AC Fundamentals I and II*	8	EET 110, 200 & 205		Electrical Circuits I, II and Lab	8
ETR	279	Digital Principles, Terminology and Apps*	4	EET 120 & 125		Logic Circuits and Microprocessors and Lab	4
MTH	173	Calculus with Analytic Geometry I*	5	MATH	211	Calculus I	5
ETR 148 & 250		Amplifiers and Integrated Circuits* and Solid State Circuits*	8	EET	210, 220 & 225	Electric Devices and Circuits I & II with Lab	8
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
ETR 261 or 174		Microprocessor Applications I or Visual Instrumentation	4	ENGN	2ELE	Elective	4
PHY 201 & 202		General College Physics I* and II*	8	PHYS 111N & 112N		Introductory General Physics I and II	8
ETR 297 or Approved Elective		Approved Elective: CHM 111 – College Chemistry*	4	CHEM 121N/ 122N		Foundations of Chemistry I with Lab	4
<b>Total in AAS degree</b>			<b>65</b>	<b>Total Transfer for ODU degree</b>			<b>65</b>
<b>Additional Transfer General Education</b>				<b>ODU General Education Requirement</b>			
HIS	ELE	101, 102, 111, 112, 121 or 122*	3	INTP	1REQ	Interpreting the Past Way of Knowing	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
CST	100	*Principles of Public Speaking* or CST 110*	3	COMM	101R	Public Speaking	3
<b>Total Additional Credits</b>			<b>9</b>	<b>Total Additional Credits</b>			<b>9</b>
<b>Total credits earned at TCC</b>			<b>74</b>	<b>Total credits transferred to ODU</b>			<b>74</b>

				<b>Additional Old Dominion University Requirements</b>	
<p>The lower division general education Language and Culture requirements will be satisfied by completion of all courses outlined in this program agreement.</p> <p>Philosophy and Ethics, Information Literacy and Research and Impact of Technology are met through the major.</p> <p><b>*Must earn C or better for course to transfer.</b></p> <p><b>To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:</b>  <a href="http://uc.odu.edu/advising/transfer/letterofintent.shtml">http://uc.odu.edu/advising/transfer/letterofintent.shtml</a></p> <p><b>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.</b></p>	EET	300	Advanced Circuit Analysis	3	
	EET	305	Advanced Technical Analysis	3	
	EET	310	Digital Electronics	3	
	EET	315	Digital Electronics Laboratory	2	
	EET	360	Electrical Power and Machinery	3	
	EET	365W	Electrical Power and Machinery Laboratory	2	
	EET	320	Microprocessors and Microcontrollers	3	
	EET	325	Microprocessor Laboratory	2	
	EET	330	Linear Electronics	3	
	EET	312	Wireless Communications	4	
	EET	335	Linear Electronics Laboratory	2	
	EET	434	Introduction to Senior Project	1	
	EET	370T	Energy and the Environment	3	
	EET	480W	Senior Project (Grade of C or better required)	3	
	ENMA	480	Ethics and Philosophy in Engineering Applications	3	
	Senior Electives		(EET)	6	
	Minor	Students must select from any minor in either the College of Engineering and Technology or the College of Sciences.		12	
	<b>Total Credits to be Taken at ODU</b>			<b>58</b>	
<b>Total Transfer Credits from Community College</b>			<b>74</b>		
<b>Total Credits to be Taken at ODU</b>			<b>58</b>		
<b>Total Credits for Degree at ODU</b>			<b>132</b>		
<b>SUMMARY</b>			<b>Total Transfer Credits from Community College</b>		<b>74</b>
<b>Total Credits to be Taken at ODU</b>			<b>Total Credits for Degree at ODU</b>		<b>58</b>
<b>Total Credits for Degree at ODU</b>			<b>Total Credits for Degree at ODU</b>		<b>132</b>

Signature

Date

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

Signature

Date

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