

# Tidewater Community College/Old Dominion University

2018-2019 Catalog

## ARTICULATION AGREEMENT

Associate of Applied Science in Electronics Technology with Transfer General Education Courses to  
Bachelor of Science in Engineering Technology-Electrical Engineering Technology  
(Communication Systems, Mechatronics Systems, Embedded Systems, or Power Systems Concentration)

Tidewater Community College Associate of Applied Science in Electronics Technology				Old Dominion University Equivalency			
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	167	Precalculus with Trigonometry*	5	MATH	163	Precalculus II	5
SDV	101	Orientation to Engin. & Technologies	1	UNIV	100	University Orientation	1
HLT/PED	ELE	Health/Physical Education Elective	2	HE/PE	ELE	Health or PE elective	2
Humanities Elective		Choose one course from ODU's Transfer Guide ( <a href="http://www.odu.edu/transfer/vccs-transfer-guide.html">http://www.odu.edu/transfer/vccs-transfer-guide.html</a> ) in any of the following categories: Philosophy and Ethics, Human Creativity, or Literature	3	Liberal Arts Courses: Literature, Philosophy and Ethics, or Human Creativity			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	263	Calculus I*	4	MATH	211	Calculus I	4
ETR 148 & 250		Amplifiers and Integrated Circuits* and Solid State Circuits*	8	EET 210 & 225		Electric Devices and Circuits I & II with Lab	8
Social Science Elective		Choose one course from ODU's Transfer Guide ( <a href="http://www.odu.edu/transfer/vccs-transfer-guide.html">http://www.odu.edu/transfer/vccs-transfer-guide.html</a> ) in the category of Human Behavior	3	HB	1REQ	Human Behavior Way of Knowing	3
ETR	261	Microprocessor Applications I*	4	EET	261	Introduction to Microprocessors and Microcontrollers	4
PHY 201 & 202		General College Physics I* and II*	8	PHYS 111N & 112N		Introductory General Physics I and II	8
ETR 174 or Approved Elective		Approved Elective: CHM 111 – College Chemistry*	4	CHEM 121N/122N		Foundations of Chemistry I with Lab	4
<b>Total Credits in AAS degree</b>			<b>64</b>	<b>Transfer Credits from AAS Degree</b>			<b>64</b>
<b>Additional Required Courses for BS Degree</b>				<b>ODU Equivalency</b>			
Social Science, Fine Arts, or Humanities Electives		Choose two courses from ODU's Transfer Guide ( <a href="http://www.odu.edu/transfer/vccs-transfer-guide.html">http://www.odu.edu/transfer/vccs-transfer-guide.html</a> ) in any of the following categories: Literature, Interp. the Past, Philosophy and Ethics, Human Creativity, or Lang. and Culture	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
CST	100	Prin. of Public Speaking* or CST 110*	3	COMM	101R	Public Speaking	3
<b>Additional Credits Required</b>			<b>9</b>				<b>9</b>

Requirements for BS to be Completed at ODU				
<p><b>Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.</b></p> <p>*Indicates a departmental requirement at ODU. Must earn a C or better at TCC to transfer and earn credit at ODU.</p> <p>**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.</p> <p>Dominion University's website to complete The Letter of Intent:  <a href="http://www.odu.edu/transfer/vccs">http://www.odu.edu/transfer/vccs</a></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 or the Guaranteed Admissions Agreement (GAA). Please visit admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.</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	320	Microprocessors and Microcontrollers	3
	EET	325	Microprocessor Laboratory	2
	EET	330	Linear Electronics	3
	EET	363	Intro to PLC	3
	EET	335	Linear Electronics Laboratory	2
	EET	373	Instrumentation	3
	ENGT	434	Introduction to Senior Project	1
	EET	370T	Energy and the Environment	3
	ENGT	435W	Senior Project (Grade of C or better required)	3
	ENMA	480	Ethics and Philosophy in Engineering Applications	3
	EET Senior Electives			6
	Concentration Specific Courses			6-7
Minor Courses			12	
<b>Credits to be Taken at ODU</b>			<b>61-62</b>	
<b>SUMMARY</b>				
<b>Transfer Credits from AAS Degree</b>			<b>64</b>	
<b>Additional Credits Required</b>			<b>9</b>	
<b>Credits to be Taken at ODU</b>			<b>61-62</b>	
<b>Total Credits</b>			<b>134-135</b>	

**This agreement is effective upon its approval by TCC's Vice President for Academic Affairs and ODU's Vice Provost, Academic Affairs on January 30, 2019.**

Dr. Kellie Sorey, TCC  
 Dr. Brian Payne, ODU