

**Tidewater Community College/Old Dominion University**

2017-2018 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

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	166	Precalculus with Trigonometry*	5	MATH 162M &163M		Precalculus I and 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		ENG 125, 241, 242, 243, 251, 252, or 253, PHI 101, 102, 111, 220, 226 or REL 230, CST 141, HUM 201, 202, 260, MUS 121 or 122	3	Liberal Arts Courses: Literature, Philosophy and Ethics, 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	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 120, 201, 202, GEO 210, PLS 211, 212, 241, PSY 200, 201, 230, 231, 232, 235, SOC 200, 201, 202, or 211	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 Credits in AAS degree</b>			<b>65</b>	<b>Transfer Credits from AAS Degree</b>			<b>65</b>
Additional Required Courses for BS Degree				ODU Equivalency			
Social Science or Humanities Electives		ENG 125, 241, 242, 243, 251, 252, or 253, HIS 101, 102, 111, 112,121, or 122, PHI 101, 102, 111, 220, 226 or REL 230, CST 141, HUM 201, 202, 260, MUS 121 or 122, or Foreign Lang. Level I or II	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
CST	100	*Principles 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><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="https://www.odu.edu/newtransfer/letter-of-intent">https://www.odu.edu/newtransfer/letter-of-intent</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
	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
	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>Credits to be Taken at ODU</b>			<b>58</b>	
<b>Transfer Credits from AAS Degree</b>				<b>65</b>
<b>Additional Credits Required</b>				<b>9</b>
<b>Credits to be Taken at ODU</b>				<b>58</b>
<b>Total Credits</b>				<b>132</b>
<b>SUMMARY</b>				

**This agreement is effective upon its approval on February 18, 2018 by TCC's Vice President for Academic Affairs and ODU's Vice Provost, Academic Affairs:**

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