

**Tidewater Community College/Old Dominion University**

2012-2013 Catalog

**ARTICULATION AGREEMENT**

Associate of Applied Science in Electronics Technology

with Transfer General Education Package to

Bachelor of Science in Engineering Technology in Electrical Engineering Technology

(Electrical Systems Technology Option)

<b>TCC</b>				<b>ODU</b>			
<b>Associate of Applied Science in Electronics Technology</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	(Substitute for ENGN 110 and ENGT 111)	4
MTH	166	*Pre-Calculus with Trigonometry	5	MATH	162M & 163M	Pre-Calculus 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	5
MTH	173	*Calculus with Analytic Geometry I	5	MATH	211	Calculus I	4
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	One social science requirement for certificate in general education (not HIS)	3	HB	1REQ	Human Behavior Way of Knowing	3
ETR	261	Microprocessor Applications I	4	ENGN	2ELE	Elective	4
PHY	201 & 202	*General College Physics I and II	8	PHYS	111N & 112N	General Physics I and II	8
ELE	----	Approved Elective: ETR or approved elective required. *CHM 111 recommended for Fundamentals of Engineering Exam	4	---- or CHEM	ELE or 121N/122N	Elective or 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	HIS 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
<b>Additional Required Coursework</b>				<b>Additional Courses to Transfer to ODU</b>			
CST 100		*Principles of Public Speaking	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>

<p><b>Note: The lower division general education Language and Culture will be satisfied by completion of all courses outlined in this program agreement.</b></p> <p><b>Philosophy and Ethics, Impact of Technology and Information Literacy Research are satisfied in the major.</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 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.</b></p> <p>*Indicates a departmental requirement at ODU. Student must earn a C or better for course to transfer and earn credit.</p>	<b>Additional Requirements - ODU</b>			
	EET	300	Advanced Circuits Analysis	3
	EET	310	Digital Electronics	3
	EET	315	Digital Electrics Lab	2
	EET	360	Electrical Power and Machinery	3
	EET	365W	Electrical Power and Machinery Lab	2
	EET	305	Adv. Technical Analysis	3
	EET	320	Microprocessors and Microcontrollers	3
	EET	325	Microprocessor Laboratory	2
	EET	330	Linear Electronics	3
	EET	340	Transmission Networks	3
	EET	335	Linear Electronics Lab	2
	EET	434	Intro to Senior Design	1
	EET	XXX	Senior Elective	3
	EET	370T	Energy and the Environment	3
	ENMA	480	Ethics and Phil. in Engineering Apps	3
	EET	480W	Senior Project	3
	EET	XXX	Senior Elective	3
	ENGN	401	Fundamentals of ENGN Review	1
	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>SUMMARY</b>				
<b>Total Transfer Credits from AAS</b>			<b>65</b>	
<b>Total Additional Credits</b>			<b>9</b>	
<b>Credits to be Taken at ODU</b>			<b>58</b>	
<b>Total Credits for B.S. Degree at ODU</b>			<b>132</b>	

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*Signature*


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*Date*

Dr. Daniel T. DeMarte  
Vice President for Student Learning  
Tidewater Community College

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*Signature*


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*Date*

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