

**Thomas Nelson Community College/Old Dominion University**

2017-2018 Catalog

**ARTICULATION AGREEMENT**

Associate of Applied Science in Electronics Technology

(Specialization in Electrical Engineering Technology)

with General Education Courses to

Bachelor of Science in Engineering Technology in Electrical Engineering Technology

Electrical Systems Technology Concentration

Thomas Nelson Community College Associate of Applied Science				Old Dominion University Equivalency			
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
ENG	112	College Composition II* (Substitute for ENG 115)	3	ENGL	211C	English Composition II	3
HUM	ELE	ENG 125, 241, 242, 243, 244, 251, 252, or 253, HIS 101, 102, 111, 112, 121, or 122, PHI 101, 102, 111, 112, 220, REL 231, 232 or 237 or ART 101, 102, 106, CST 151, 152, HUM 201, 202, MUS 121 or 122, or Foreign Lang. Level I or II	3	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			3
Social Science	ELE	ECO 120, 201, 202, GEO 210, PLS 135, 241, PSY 200, 230, 235 or SOC 200	6	HB	1REQ	Human Behavior Way of Knowing	6
MTH	163	Pre-Calculus I*	3	MATH	162M	Pre-Calculus I	3
MTH	164	Pre-Calculus II*	3	MATH	163	Pre-Calculus II	3
MTH	173	Calculus with Analytic Geometry I*	4	MATH	211	Calculus I	4
PHY 201 & 202		General College Physics I* and II*	8	PHYS 111N & 112N		General Physics I and II	8
HLT/PED ELE		Health/Physical Education Elective	1	HLTH/PE ELE		Elective	1
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
Approved Elective		Elective	3	--	ELE	Elective	3
ETR	104	Electronic Fundamentals with Computer Applications*	4	ENG	1ELE	Elective (Substitute for ENGN 110 & ENGT 111)	4
ETR 113 & 114		DC and AC Fundamentals I* and II*	8	EET 110, 200 & 205		Electrical Circuits I, II and Lab	8
ETR 148 & 250		Amplifiers and Integrated Circuits* and Solid State Devices*	8	EET 210, 220 & 225		Electric Devices and Circuits I & II with Lab	8
Approved Elective		----	3	ENG	2ELE	Elective	3
ETR	261	Microprocessor Applications I	4	ENG	2ELE	Elective	4
ETR	279	Digital Principles, Terminology and Applications*	4	EET	120 & 125	Logic Circuits and Microprocessors and Lab	4
<b>Total Credits for AAS Degree</b>			<b>69</b>	<b>Transfer Credits from AAS Degree</b>			<b>69</b>
Additional Required Courses for BS Degree				ODU Equivalency			
CST	100	Public Speaking*	3	COMM	101R	Public Speaking	3
HUM	ELE	ENG 125, 241, 242, 243, 244, 251, 252, or 253, HIS 101, 102, 111, 112, 121, or 122, PHI 101, 102, 111, 112, 220, REL 231, 232 or 237 or ART 101, 102, 106, CST 151, 152, HUM 201, 202, MUS 121 or 122, or Foreign Lang. Level I or II	3	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			3
Science w/Lab	ELE	Transferrable Science with Lab (Students are recommended to complete CHM 111 – College Chemistry I)*	4	Science or CHEM 121N/122N		Laboratory Science or Foundations of Chemistry I	4
<b>Additional Credits Required</b>			<b>10</b>				<b>10</b>

<p>*Indicates a departmental requirement at ODU. Must earn a C or better at TNCC 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>***The ODU B.S.E.E.T. degree requires students complete an approved engineering, engineering technology, math or science minor.</p> <p>Specific transfer equivalencies for ENGN 110 and ENGN 111 are not included in the articulation. With the completion of the A.A.S., ENGN elective credits will be used to satisfy those B.S.E.E.T. requirements.</p> <p>Completion of this articulation agreement will satisfy the lower division foreign language requirement at ODU.</p> <p>To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent: <a href="https://www.odu.edu/newtransfer/letter-of-intent">https://www.odu.edu/newtransfer/letter-of-intent</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 <a href="https://admissions.odu.edu">admissions.odu.edu</a> for more information regarding guaranteed admission to Old Dominion University.</p>	<b>Requirements for BS to be Taken at ODU</b>			
	EET	300	Advanced Circuits Analysis	3
	EET	310	Digital Electronics	3
	EET	312	Wireless Communications	4
	EET	315	Digital Electrics Lab	2
	EET	360	Electrical Power and Machinery	3
	EET	365W	Electrical Power and Machinery Lab (requires C or better)	2
	EET	305	Adv. Technical Analysis	3
	EET	320	Microprocessors and Microcontrollers	3
	EET	325	Microprocessor Laboratory	2
	EET	330	Linear Electronics	3
	EET	335	Linear Electronics Lab	2
	ENGT	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
	ENGT	435W	Senior Project	3
	EET	XXX	Senior Elective	3
	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>SUMMARY</b>			
	<b>Transfer Credits from AAS Degree</b>			<b>69</b>
	<b>Additional Credits Required</b>			<b>10</b>
	<b>Credits to be Taken at ODU</b>			<b>58</b>
	<b>Total Credits</b>			<b>137</b>

*Susan English* 3/19/18

Signature  
Dr. Susan English  
Vice President for Academic Affairs  
Thomas Nelson Community College

*Brian Payne* 3/29/18

Signature  
Dr. Brian Payne  
Vice Provost, Academic Affairs  
Old Dominion University