

Eastern Shore Community College/Old Dominion University

2018-2019 Catalog

ARTICULATION AGREEMENT

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

Eastern Shore 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*	3	ENGL	211C	College Composition	3
MTH	161	Precalculus I*	3	MATH	162M	Pre-Calculus I	3
MTH	162	Precalculus II*	3	MATH	163M	Precalculus II	3
MTH	263	Calculus I*	4	MATH	211	Calculus	4
HLT/PED ELE		Health/Physical Education Elective	1	HLTH/PE ELE		Elective	1
Social Science Elective		Choose two courses from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html), one in the category of Human Behavior and one in Interp. the Past	6	Human Behavior Way of Knowing and Interpreting the Past Way of Knowing			6
Humanities Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) 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
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
ETR	160	Survey of Microprocessors*	3	STEM	251	Computer Literacy-Comm. (Substitute for EET 261 for agreement only)	3
ETR	167	Logic Circuits and Systems*	4	EET 120 & 125		Logic Circuits & Microprocessors with Lab	4
ETR 113 & 114		DC and AC Fundamentals I & II*	6	EET 110, 200 & 205		Electrical Circuits I, II with Lab	6
ETR	ELE	ETR 228-Computer Troubl. & Repair*	3	ENGN	2ELE	Elective (Substitute for ENGN 110)	3
ETR	ELE	ETR 237 – Industrial Electronics I*	4	ENGN	2ELE	Elective	4
ETR	ELE	ETR 238 – Industrial Electronics II*	4	ENGN 2ELE (Substitute for EET 210 & 225 for agreement only)			6
ETR	214	Advanced Circuits and New Devices*	2				
ETR	ELE	ETR 278-Comp. Interfacing & Circuitry*	4	ENGN	2ELE	Elective (Substitute for ENGT 111)	4
ETR Electives		Electives	7	ENGN	ELE	Electives	7
General Elect.		Take CST 110 - Into to Speech Comm.*	3	COMM 101R		Public Speaking	3
Total Credits in AAS Degree			67	Transfer Credits from AAS Degree			67
Additional Required Courses for BS Degree				ODU Equivalency			
PHY 201 & 202		General College Physics*	8	PHYS 111&112		Intro to General Physics	8
CHM	111	College Chemistry*	4	CHEM 121/122N		Foundations of Chemistry	4
Social Science or Humanities Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in any of the following categories: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture	3	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			3
Additional Credits Required			15				15

*Indicates a departmental requirement at ODU. Must earn a C or better at PDCC to transfer and earn credit at ODU.

**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.

***The ODU B.S.E.E.T. degree requires students complete an approved engineering, engineering technology, math or science minor.

Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.

Dominion University's website to complete The Letter of Intent:


<http://www.odu.edu/transfer/vccs>

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.

Requirements for BS to be Completed at ODU			
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
Credits to be Taken at ODU			61-62
SUMMARY			
Transfer Credits from AAS Degree			67
Additional Credits Required			15
Credits to be Taken at ODU			61-62
Total Credits			143-144

 12/12/2018
Signature Date

Dr. Kellie C. Sorey
Interim Vice President for Academic & Student Affairs
Eastern Shore Community College

 1/15/19
Signature Date

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