

Blue Ridge Community College/Old Dominion University

2018-2019 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science in Computer and Electronics Technology with General Education Courses to
Bachelor of Science in Engineering Technology- Electrical Engineering Technology
Computer Engineering Technology Concentration

Blue Ridge Community College Associate of Applied Science				Old Dominion University Equivalency			
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
ETR	106	Programming Methods for Electrical/Electronic Calculations*	2	ENGN	1ELE	Elective (Substitute for ENGN 110)	2
ETR 113 & 114		D.C. and A.C. Fundamentals I* and II*	6	EET 110, 200 & 205		Electrical Circuits I, Electrical Circuits II and Circuits Laboratory	6
ETR	123	Electronics Applications*	2	ENGN	1ELE	Elective (Substitute for ENGT 111)	2
ETR 286, ITN 103, ITN 260, UMS 107 or UMS 111			3	---	ELE	Elective	3
MTH	161	Pre-Calculus I*	3	MATH	162M	Precalculus I	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
ETR 143 & 237		Devices and Applications I* and Industrial Electronics I*	7	EET 210 & 225		Electronic Devices & Circuits I and Electronics Laboratory	7
ETR	164	Upgrading and Maintaining PC Hardware	3	ENGN	1ELE	Elective	3
ETR	225	Data Communications	4	ENGN	2ELE	Elective	4
MTH	162	Pre-Calculus II *	3	MATH	163	Precalculus II	3
ETR	241	Electronic Communications I	4	ENGN	2ELE	Elective	4
ETR	273	Computer Electronics I*	4	EET 120 & 125		Logic Circuits and Microprocessors and Lab	4
CST	110	Introduction to Speech Communication*	3	COMM	101R	Public Speaking	3
Social Science Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in the category of Human Behavior	3	HB	1REQ	Human Behavior Way of Knowing	3
ETR	274	Computer Electronics II*	4	EET	261	Intro to Microprocessors and Microcontrollers	4
ETR 296 or 298		On-site training in Electronics or Seminar & Project in Computer and Electronics	2	ENGN	2ELE	Elective	2
Literature/ Humanities/ Fine Arts 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	Philosophy and Ethics, Human Creativity, or Literature Way of Knowing Requirement			3
Total Credits in AAS Degree			60	Transfer Credits from AAS Degree			60
Additional Required Courses for BS Degree				ODU Equivalency			
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
ITN 171 or 271		Unix I* or Unix II* (See Note on Second Page)	3	CS	252	Intro. to Unix for Programmers	3
MTH	263	Calculus I*	4	MATH	211	Calculus I	4
Social Science, Fine Arts or Humanities Electives		Choose two courses 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	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture Requirement			6
CHM	111	College Chemistry I*	4	CHEM 121/122N		Foundations of Chemistry	4
PHY 201 & 202		General College Physics I & II*	8	PHYS 111N & 112N		General Physics I and II	8
Additional Credits Required			28				28

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

***Must earn C or better for transfer.**

To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:
<http://www.odu.edu/transfer/vccs>

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 and 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

CS	333	Programming and Problem Solving in C++ (Satisfies CS 150 and CS 250)	4
EET	300	Advanced Circuit Analysis	3
EET	310	Digital Electronics	3
CS	312	Internet Concepts	3
EET	315	Digital Electronics Laboratory	2
CS	361	Advanced Data Structures and Algorithms	3
EET	305	Advanced Technical Analysis	3
EET	363	Introduction to PLC	3
EET	320	Microprocessors and Microcontrollers	3
EET	325	Microprocessor Laboratory	2
EET	330	Linear Electronics	3
EET	335	Linear Electronics Laboratory	2
ENGT	434	Introduction to Senior Project	1
EET	370T	Energy and the Environment	3
CS	451	Software Engineering Survey	3
ENGT	435W	Senior Project (Grade of C or better required)	3
ENMA	480	Ethics and Philosophy in Engineering Applications	3
Senior Electives		6cr CS 6cr ComET	12
Credits to be Taken at ODU			59
SUMMARY			
Transfer Credits from AAS Degree			60
Additional Credits Required			28
Credits to be Taken at ODU			59
Total Credits			147

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Signature 1/16/19 *Date*

Dr. Robert Young
 Vice President of Instruction and Student Services
 Blue Ridge Community College

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Signature 1/30/19 *Date*

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