

Piedmont Community College/Old Dominion University

2019-2020 Catalog

ARTICULATION AGREEMENT

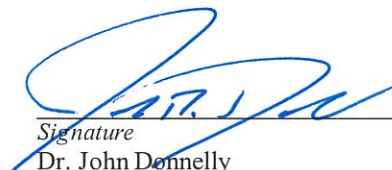
Associate of Applied Science in Industrial Electronics Technology


Bachelor of Science in Engineering Technology-Electrical Engineering Technology

(Communication Systems, Mechatronics Systems, Embedded Systems, or Power Systems Concentration)

Piedmont Community College Associate of Applied Science				Old Dominion University Bachelor of Science in Engineering Technology			
ENG	111	English I*	3	ENGL	110C	English Composition	3
ENG	112	English II*	3	ENGL	211C	English Composition	3
MTH	263	Calculus I*	4	MATH	211	Calculus I	4
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
SAF	130	Industrial Safety	1	GNRL	1ELE	Elective	1
IND 103, 250, & 251		Industrial Methods, Intro to Bsc Cmptr Integ Manu*, and Automated Manu Sys I*	7	STEM 1ELE, ENGN 110, & STEM 2ELE		Elective, Intro to Engineering, and Elective (Substitute IND 251 for ENGT 111)	7
IND	113	Materials & Processes	3	MET	200	Manufacturing Processes	3
ETR	113	DCAC Fundamentals I*	4	EET	110	Electrical Circuits I	4
MEC 155 & 161		Mechanisms, Fluid Power	6	ENGN	1ELE	Electives	6
ETR	156	Digital Circuits and Microp. Fundamentals*	4	EET 120 & 125		Logic Circuits/Microp. and Lab	4
ETR 237 & 238		Industrial Electronic I/II	6	ENGN	2ELE	Electives	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
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	203	Electronic Devices I*	4	EET 210 & 225		Electronic Devices and Lab	4
ETR	241	Electronic Communication I	3	ENGN	2ELE	Elective	3
ETR 140, ELE 239 & CAD 151		Intro to Mechatronics*, Programmable Controllers*, & Engineering Drawing Fundamentals I*	9	ENGN 1ELE, STEM 242, & MET 120		Substitute for MET426-Intro to mechatronics if Mechatronics option is chosen (for agreement only)	9
ETR	290	Internship	3	GNRL	ELE	Elective	3
Total Credits in AAS degree			67	Transfer Credits from AAS Degree			67
Additional Required Courses for BS Degree				ODU Equivalency			
ETR	114	DC and AC Fundamentals II*	4	EET 200 & 205		Electrical Circuits II and Lab	4
PHY	201	Physics I*	4	PHYS	111N	Introductory General Physics I	4
PHY	202	Physics II*	4	PHYS	112N	Introductory General Physics II	4
CST	100/105	Public Speaking*	3	COMM	101R	Public Speaking	3
CHM	111	Chemistry I*	4	CHEM 121N/122N		Found of Chemistry I and Lab	4
Social Science 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			6
Additional Credits Required			25				25

<p>*Indicates a departmental requirement at ODU. Must earn a C or better at PVCC 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.</p> <p>***The ODU B.S.E.E.T. degree requires students complete an approved engineering, engineering technology, math or science minor.</p> <p>Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.</p> <p>Dominion University's website to complete the Letter of Intent: http://www.odu.edu/transfer/vcecs</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 admissions.odu.edu for more information regarding guaranteed admission to Old Dominion University.</p>	Requirements for BS to be Completed at ODU			
	EET	261	Intro to Microp. & Microcon.	3
	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 Lab.	2
	EET	330	Linear Electronics	3
	EET	363	Intro to PLC	3
	EET	335	Linear Electronics Lab	2
	EET	373	Instrumentation	3
	ENGT	434	Intro. to Senior Project	1
	EET	370T	Energy and the Env.	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			9-12
	Credits to be Taken at ODU			61-65
	SUMMARY			
	Transfer Credits from AAS Degree			67
	Additional Credits Required			25
	Credits to be Taken at ODU			61-65
	Total Credits			153-157


4/17/20
Signature _____ Date _____
Dr. John Donnelly
Vice President for Instruction and Student Services
Piedmont Virginia Community College


4-17-20
Signature _____ Date _____
Dr. Brian Payne
Vice Provost, Academic Affairs
Old Dominion University