Piedmont Virginia Community College/Old Dominion University

2017-2018 Catalog
ARTICULATION AGREEMENT
Associate of Applied Science in Electronics and Computer Technology with General Education Courses to Bachelor of Science in Engineering Technology, Electrical Engineering Technology
Electrical Systems Technology Concentration

Piedmont Virginia Community College Associate of Applied Science				**Old Dominion University Equivalency**			
IND	103	Industrial Methods	1	STEM	1ELE	Elective	3
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
ETR 113 & 114		DC and AC Fundamentals I & II *	8	EET 110, 200 & 205		Electrical Circuits I, Electrical Circuits II and Circuits Laboratory	8
MTH	163	Precalculus I* (substitute for MTH 115)	3	MATH	162M	Precalculus I	3
SDV	100	Student Orientation (or SDV 101)	1	UNIV	1ELE	Elective	1
ETR	164	Upgrading & Maintaining PCs	3	STEM	1ELE	Elective	3
SAF	130	Industrial Safety-OSHA 10	1	--	--	No credit awarded	0
ETR	156	Digital Circuits and Microprocessor Fundamentals	4	ENGN	1ELE	Elective	4
ETR 237 & 238		Industrial Electronics I & II	6	ENGN	2ELE	Electives	6
Social Science Elective		ECO 201, 202, GEO 210, PLS 135, 211, PSY 200, 230, 235 or SOC 200	3	HB	1REQ	Human Behavior Way of Knowing	3
Technical Elective		MTH 164 – Precalculus II*	3	MATH	163	Precalculus II*	3
Technical Elective		MTH 173- Calculus with Analytic Geo I*	5	MATH	211	Calculus I	5
Technical Elective		ETR 280 Introduction to Digital Logic Circuits and Computers*	4	EET 120 & 125		Logic Circuits and Microprocessors with Lab	4
Humanities Elective		ENG 241, 243, 251, 252, or 253, PHI 220, or REL 230, CST 141, HUM 201, 202, MUS 121 or Foreign Language Level I or II	3	Liberal Arts Courses: Literature, Philosophy and Ethics, Human Creativity, or Language and Culture			3
ENG	112	College Composition II*	3	ENGL	211C	College Composition	3
ETR 203 & 204		Electronic Devices I and II*	8	EET 210, 220 & 225		Electronic Devices and Circuits I, II and Electronics Laboratory	8
ETR	241	Electronic Communication I*	3	ENGN	2ELE	Elective (Substitute for ENGN 110)	3
ELE	239	Programmable Controllers*	3	STEM	242	Technological Systems Control (Substitute for ENGT 111)	3
Total Credits in AAS degree			**65**	**Transfer Credits from AAS Degree**			**64**
Additional Required Courses for BS Degree				**ODU Equivalency**			
CHM	111	College Chemistry I*	4	CHEM 121N/122N		Foundations of Chemistry I	4
Humanities Electives		ENG 241, 243, 251, 252, or 253, HIS 101, 102, 111, 112,121, or 122, PHI 220, or REL 230, CST 141, HUM 201, 202, MUS 121 or Foreign Lang. Level I or II	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
CST 100 or 105		Principles of Public Speaking* or Oral Communication*	3	COMM	101R	Oral Communication	3
PHY 201-202		General College Physics I and II*	8	PHYS 111N-112N		Introductory General Physics I and II*	8
Additional Credits Required			**21**				**21**

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 course to transfer.**

To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:
https://www.odu.edu/newtransfer/letter-of-intent

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 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			
EET	300	Advanced Circuit Analysis	3
EET	305	Advanced Technical Analysis	3
EET	310	Digital Electronics	3
EET	315	Digital Electronics Laboratory	2
EET	360	Electrical Power and Machinery	3
EET	365W	Electrical Power and Machinery Laboratory	2
EET	320	Microprocessors and Microcontrollers	3
EET	325	Microprocessor Laboratory	2
EET	330	Linear Electronics	3
EET	312	Wireless Communications	4
EET	335	Linear Electronics Laboratory	2
EET	434	Introduction to Senior Project	1
EET	370T	Energy and the Environment	3
EET	480W	Senior Project (Grade of C or better required)	3
ENMA	480	Ethics and Philosophy in Engineering Applications	3
Senior Electives		(EET)	6
Minor	Students must select from any minor in either the College of Engineering and Technology or the College of Sciences.		12
Credits to be Taken at ODU			**58**

SUMMARY	
Transfer Credits from AAS Degree	**64**
Additional Credits Required	**21**
Credits to be Taken at ODU	**58**
Total Credits	**143**

Signature 12/15/17 *Date*

Dr. John Donnelly
Vice President for Instruction & Student Services
Piedmont Virginia Community College

Signature 1/18/18 *Date*

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