

Patrick Henry Community College/Old Dominion University

2018-2019 Catalog

ARTICULATION AGREEMENT

Associate of Applied Science in Industrial Electronics Technology
with General Education Courses to

Bachelor of Science in Occupational and Technical Studies—Industrial Technology Emphasis

Patrick Henry Community College Associate of Applied Science				Old Dominion University Equivalency			
CST	110	Introduction to Communication	3	COMM	101R	Public Speaking	3
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
HLT	105	Cardiopulmonary Resuscitation	1	HLTH	1ELE	Elective	1
MTH	111	Substitute with MTH 154	3	MATH	101M	Critical Thinking	3
SDV	108	College Survival Skills	1	UNIV	100	University Orientation	1
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	Philosophy and Ethics, Human Creativity, or Literature Way of Knowing			3
Social Science	EL E	PSY 200*	3	PSYC	201S	Introduction to Psychology	3
EGR	216	Computer Methods in Engineering*	3	STEM	2ELE	Elective	3
TEC	EE E	Take EGR 110* and any other elective	6	MET 120 and STEM ELE		Computer Aided Drafting and Elective	6
ETR	156	Digital Circuits and Microprocessor	4	EET 120 & 125		Logic Circuits/Microproc. And Lab	4
ELE	113	Electricity I*	3	STEM	241	Energy Systems-Basic Electricity	3
ELE	156	Electrical Control Systems*	3	STEM	242	Technological Systems Control	3
MEC	140	Introduction to Mechatronics	3	ENGN	1ELE	Elective	3
ETR	150	Machine Control Using Relay & Prog. Logic*	3	STEM	1ELE	Elective	3
ETR	230	Mechatronic Process Control	3	ENGN	2ELE	Elective	3
INS	210	Principals of Instrumentation*	3	STEM	2ELE	Elective	3
ETR	266	Microprocessor Applications*	3	STEM	2ELE	Elective	3
ELE	110	Home Electric Power*	3	STEM	1ELE	Elective	3
MEC	155	Mechanisms	3	ENGN	2ELE	Elective	3
MEC	165	Applied Hydraulic, Pneumatics and Hydrostatics	3	ENGN	1ELE	Elective	3
IND	243	Principals and App. of Mechatronics*	3	STEM	2ELE	Elective	3
ETR	298	Seminar and Project*	1	STEM	2ELE	Elective	1
ETR	141	Electronics I	3	EET	210	Electronic Devices	3
Total Credits in AAS Degree			67	Transfer Credits from AAS Degree			67
Additional Required Courses for BS Degree				ODU Equivalency			
ENG	112	College Composition II*	3	ENGL	211C	English Composition	3
Sciences w/Labs		Choose two Science courses w/Lab from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html)	8	NS	1REQ	Nature of Science Way of Knowing I & II	8
ACC	211	Principles of Accounting I*	3	ACCT	201	Principles of Accounting	3
Social Science or Humanities Electives		Choose three 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	9	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			9
ITE	119	Information Literacy*	3	STEM	251G	Computer Literacy	3
EGR 123 or MEC 119		Intro to Engineering Design or Intro to Basic CNC and CAM*	3	STEM	231	Industrial Materials and Materials and Processes Technology	3
Additional Credits Required			29				29

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

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 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.

** The following courses may be completed with the VCCS, with a C or better, to meet ODU degree requirements for this major. However, all students are required to complete a minimum of 30 credit hours with ODU and 12 of those must be at the 300/400 level in the major to earn the Bachelor of Science degree. These course substitutions will not be used to satisfy requirements in any other ODU degree programs (majors or minors) outside the SEPS/STEM Department:

VCCS	ODU
PSY 126 substituted for	PSYC 303
BUS 150 or BUS 200 substituted for	MGMT 325
BUS 205 substituted for	MGMT 340
MKT 100 substituted for	MKGT 311

SUMMARY

Requirements for BS to be taken at ODU

STEM	221	Industrial Materials	3
SEPS	302	Workforce Supervision	3
STEM	321	Manufacturing Technology	3
STEM	351	Communication Technology	3
STEM	382	Industrial Design	3
STEM	370T	Technology and Society	3
SEPS	400	Instructional Systems Development	3
**MGMT	325	Contemporary Organizations and Management	3
**MGMT	340	Human Resources Management	3
**MKTG	311	Marketing Principles and Problems	3
HMSV	339	Interpersonal Relations (Meets Oral Communication)	3
SEPS	402	Instructional Methods in Occupational Studies	3
**PSYC	303	Industrial/Organizational Psych.	3
Upper Division	General Education	Upper Division can be met in a variety of ways. Please refer to ODU catalog.	6

Credits to be Taken at ODU

45

Transfer Credits from AAS Degree

67

Additional Credits Required

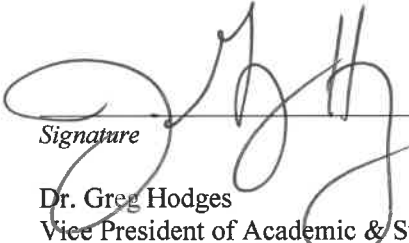
29

Credits to be Taken at ODU

45

Total Credits

141


 Signature _____ Date 12/14/18
 Dr. Greg Hodges
 Vice President of Academic & Student Success Services
 Patrick Henry Community College


 Signature _____ Date 1/15/19
 Dr. Brian Payne
 Vice Provost, Academic Affairs
 Old Dominion University