Virginia Western Community College/Old Dominion University

2013-2014 Catalog Year
ARTICULATION AGREEMENT
Associate of Applied Science in Electrical Engineering Technology
with General Education Courses to
Bachelor of Science in Engineering Technology
Electrical Engineering Technology (Electrical Systems Technology Option)

Virginia Western Community College Associate of Applied Science				**Old Dominion University Bachelor of Science**			
Major				**Major**			
EGR	216	Computer Methods in Engineering and Technology*	3	ENGN	2ELE	Elective (Substitute for ENGN 110)	3
ENG	111	College Composition I*	3	ENGL	110C	English Composition	3
ELE	298	Seminar & Project in Electrical Engineer	3	STEM	2ELE	Elective	3
ETR 113-114		DC and AC Fundamentals I and II*	8	EET 110, 200 & 205		Electrical Circuits I, Electrical Circuits II, and Circuits Laboratory	8
ETR	111	Electronic Mathematics*	3	ENGN	1ELE	Elective (Substitute for ENGT 111)	3
MTH	115	Substitute MTH 166 - Precalculus with Trigonomety*	5	MATH	166	Precalculus I and II	5
SDV	101	Orientation to EGR or SDV 100	1	UNIV	100	University Orientation	1
TEL 150-151		Internetworking I and II	7	No Transfer Credit Awarded			0
ELE	----	Elective	3	----	ELE	Elective	3
HUM	ELE	ART 101, 102, HUM 201, 202, MUS 121, 122 or CST 130*	3	HC	1REQ	Human Creativity Way of Knowing	3
ETR	250	Solid State Circuits*	4	EET 220 & 225		Electronic Devices & Circuits II w/ Lab	4
ETR	280	Introduction to Digital Logic Circuits and Computers*	4	EET 120 & 125		Logic Circuits/Microprocessors w/ Lab	4
ETR	285	Fundamentals of Microcomputer Repair	4	ENGN	2ELE	Elective	4
PHY	201	General College Physics I*	4	PHYS	111N	General Physics I	4
Technical Elective		ETR 141 –Electronics I*	3	EET	210	Elect Devices & Circuits I	3
Social Science	ELE	HIS 101, 102, 111, 112, 121 or 122*	3	INTP	1REQ	Interpreting the Past Way of Knowing	3
ELE	239	Programmable Controllers	3	STEM	242	Technological Systems Control	3
HLT/PED ELE		Health or Physical Education	2	HLTH/PE ELE		Elective	2
Total in AAS Degree			**65**	**Total Transfer to ODU**			**58**
Additional Required Coursework				**Additional Required Coursework**			
ENG	112	College Composition II *	3	ENGL	211C	English Composition II	3
Social Science	ELE	ECO 120, 201, 202, GEO 200, 210, PLS 211, 212, 241, 242, PSY 200, 230, 235 or SOC 200	3	HB	1REQ	Human Behavior Way of Knowing	3
CST	100	Principles of Public Speaking (or CST 105)*	3	COMM	101R	Public Speaking	3
PHY	202	General College Physics II*	4	PHYS	112N	General Physics II	4
HUM	ELE	ENG 241, 242, 243, 244, 251 or 252*	3	LIT	1REQ	Literature Way of Knowing	3
CHM	111	College Chemistry I*	4	CHEM 121N/122N		Foundations of Chemistry	4
MTH 175-176		Calculus of One Variable I and II*	6	MATH	211	Calculus I	6
Total Additional Coursework			**26**	**Total Additional Coursework**			**26**
Total Credits Earned at VWCC			**91**	**Total Credits Transferred to ODU**			**84**

The lower division general education Language and Culture requirements will be satisfied by completion of all courses outlined in this program agreement.

Philosophy and Ethics, Information Literacy and Research and Impact of Technology are met through the major.

***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:
http://uc.odu.edu/advising/transfer/letterofintent.shtml

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.

Additional Old Dominion University Requirements			
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
Total Credits to be Taken at ODU			**58**

SUMMARY		
	Total Transfer Credits from Community College	**84**
	Total Credits to be Taken at ODU	**58**
	Total Credits for Degree at ODU	**142**

Elizabeth Wilmer 12/14/13
Signature *Date*

Dr. Elizabeth Wilmer
Vice President of Academic & Student Affairs
Virginia Western Community College

1/14/14
Signature *Date*

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