

Rappahannock Community College/Old Dominion University

ARTICULATION AGREEMENT 2010-2011

Associate of Applied Science in General Electronics Technology (Industrial Electricity specialization) with
 General Education Certificate to
 Bachelor of Science in Engineering Technology, Electrical Engineering Technology
 Electrical Systems Technology option


RCC A.A.S. in General Engineering Technology (Industrial Electricity specialization)				ODU B.S.E.T., Electrical Engineering Technology Electrical Systems Technology option			
Major				Major			
ETR	113 & 114	DC and AC Fundamentals I and II*	4 & 4	EET	110, 200, & 205	Electrical Circuits I, II and Lab*	8
ELE	120	Electrical/Electronic Survey	3	STEM	241	Energy Systems and Basic Elec	3
ENG	111	College Composition I	3	ENGL	110C	English Composition	3
MTH	163	PreCalculus I*	3	MTH	162M	PreCalculus I*	3
SDV	100	College Success Skills	1	UNIV	101	University Orientation	1
HPE	ELE	Health/Physical Education Elective	1	HE/PE	ELE	Health or PE elective	1
ELE	127	Residential Wiring Methods	2	OTS	1ELE	Elective	2
ETR	203 & 204	Electronic Devices I and II*	4 & 4	EET	210, 220 & 225	Electric Devices and Circuits I & II with Lab*	8
ETR	271	Microcomputer Electronics I*	4	EET	120 & 125	Logic Circuits and Microprocessors and Lab*	4
MTH	164	PreCalculus II*	3	MATH	163	PreCalculus II*	3
HPE	ELE	Health/Physical Education Elective	1	HE/PE	ELE	Health or PE elective	1
ETR	272	Microcomputer Electronics II	4	ENGN	1ELE	Sub for ENGN 110 & 111, Fresh. Engin. & Technology	4
ELE	143	Programmable Controllers I	4	STEM	241	Technological Systems Control	4
PHY	201	General College Physics I*	4	PHYS	111N	General Physics I *	4
ECO	120	Survey of Economics	3	ECON	200S	Basic Economics	3
ELE	131	National Electric Code	3	STEM	1ELE	Elective	3
ELE	144	Programmable Controllers II	4	STEM	1ELE	Elective	4
ENG	112	College Composition II (replacement for BUS 236 for transfer)*	3	ENGL	211C	College Composition*	3
SS	Ele	Choose HIS 111 or 121 for transfer	3	HISP	1REQ	Interpreting the Past	3
HUM	Ele	Choose PHI 100 for transfer	3	PHIL	110P	Introduction to Philosophy	3
Total in A.A.S. degree			68	Total Transfer to ODU			68
Additional credits for Certificate in General Education and departmental requirements				General Education/departmental requirements			
HIS	Elective	HIS 112 or 122	3	HISP	1REQ	Interpreting the Past	3
PHY	202	General College Physics II*	4	PHYS	112N	General Physics II*	4
CST	100	Principles of Public Speaking*	3	COMM	101R	Public Speaking*	3
FA	ELE	Choose ART 101, ART 102, MUS 121, or MUS 122	3	FPAP	1REQ	Human Creativity	3
CHM	111	College Chemistry I*	4	CHEM	121N/122N	Foundations of Chemistry I*	4
MTH	173	Calculus with Analytic Geometry I*	5	MATH	211	Calculus I*	5
Total additional General Education for Certificate			22	Total additional General Education for Certificate			22
Total credits earned at RCC			90	Total credits transferred to ODU			90

				Additional Requirements - ODU			
		EET	300	Advanced Circuits Analysis		3	
		EET	305	Adv. Technical Analysis		3	
		EET	310	Digital Electronics		3	
		EET	315	Digital Electrics Lab		2	
		EET	320	Microprocessors and Microcontrollers		3	
		EET	325	Microprocessor Lab		2	
		EET	330	Linear Electronics		3	
		EET	335	Linear Electronics Lab		2	
		EET	340	Transmission Networks		3	
		EET	360	Electrical Power and Machinery		3	
		EET	365W	Electrical Power and Machinery Lab		2	
		EET	370	Energy and the Environment		3	
		EET	434	Intro to Senior Design		1	
		EET	480W	Senior Project		3	
		EET	XXX	Senior Electives		6	
		ENGN	401	FE Review		0-1	
		ENMA	480	Substitute PHIL 110P in transfer credit			
		Upper	Gen Ed	Minor from College of Engineering & Technology or Sciences		12	
		Total Credits to be Taken at ODU				51	
		Total Transfer Credits from A.A.S.				68	
		Total Additional Credits in General Education for Certificate and departmental requirements				22	
		Credits to be Taken at ODU				51	
		Total Credits for B.S.E.T. Degree at ODU				141	
SUMMARY							

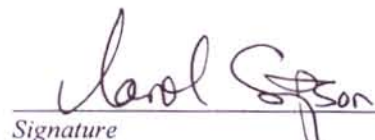
*Indicates a departmental requirement at ODU. Must earn a C or better at RCC to transfer and earn credit at ODU.

Information Literacy & Research and Impact of Technology requirements are satisfied in the major.

By completion of this articulation agreement, Language & Culture requirement is satisfied.

 1/31/11
 Signature Date

Dr. Tresia Samani
 Vice President, Instruction and Student Development
 Rappahannock Community College

 12/17/2010
 Signature Date

Dr. Carol Simpson
 Provost and Vice- President
 Old Dominion University