



**College:** Southside Virginia Community College  
**School Divisions:** Lunenburg County

**Career Cluster:** Architecture and Construction

**Career Pathway:** Electricity – Certificate

**Related Industry Certifications Available:** NCCT



	Grade	English	Math	Science	S.S.	Required Courses or Recommended Electives and/or CTE Courses			
<b>SECONDARY</b> <i>Career Coaching.</i>	9	English 9	Algebra Part I & Part II	Earth Science					Health/PE 9
	10	English 10	Geometry	Chemistry OR Biology	World Geography				Health/PE 10
	11	English 11	Algebra II (Recommended)	Chemistry	U. S. History	<i>Principles of Technology I</i>	<i>Electronics Systems I</i>	<i>High Performance Manufacturing I</i>	
						AIR 121 (EEE Tech Elect)	ELE 113 (ELE 121)	MAC 161	
						ITE 100	ETR 110 (EEE Tech Elect)	MAC 128	
						DRF 135	DRF 127	MAC 131	
	12	English 12 *	Calculus (Recommended)		Government *	<i>Principles of Technology II</i>	<i>Electronics Systems II</i>	<i>High Performance Manufacturing II</i>	
						AIR 122 EEE (Tech Elect)	ETR 149 (EEE Tech Elect)	MAC162	
						AIR 159 (AIR 135)	IND 140	MAC 132	
						MTH 103 (MTH )	ETR 167	MAC 150	
<b>College Placement Assessments (Reading, Writing, &amp; Math)</b>									
<b>POSTSECONDARY</b> <i>Community College Career Placement</i>	Year 1 1 <sup>st</sup> Sem	ENG 137 Communication Processes I	MTH General Education Math Elective			SDV 100 College Success Skills	BLG 105 Shop Practices and Procedures OR Technical Elective	ELE 121 Electrical Circuits I	EEE Technical Elective
							ELE 127 Residential Wiring Methods		
	Year 1 2 <sup>nd</sup> Sem				SSC 101 Contemporary Social Problems	AIR 134 Circuits and Controls I	ELE 131 National Electric Code I	ELE 122 Electrical Circuits II	ELE 134 Practical Electricity

						ELE 211 Electrical Machines I			
	<b>Year 1 Summer</b>								
	<b>Year 2 1<sup>st</sup> Sem</b>				SSC 102 Contemporary Social Problems II	AIR 135 Circuits and Controls II	AIR 181 Planning and Estimating I <b>OR</b> EEE Technical Elective	ELE 132 National Electric Code II	EEE Technical Elective
									EEE Approved Technical Elective
	<b>Year 2 2<sup>nd</sup> Sem</b>								
<b>Year 2 Summer</b>									
<b>4-year Institution</b>	University/College:					<b>Key</b>	Required Course		Certification Prep Course
	Degree or Major:						Dual Credit or Articulated course (HS to CC)		*Academic Dual Enrollment
	Number of Articulated CC Credits:						Articulated course: CC to 4-yr		Date: July 2006

DE Courses	
DE English	College composition I & II
DE Government	Social Science Elective

Guidelines
DPOR Tradesman Certification available after two years employment in specific fields