



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

**Career Cluster:** Architecture and Construction

**Career Pathway:** Electricity – Certificate

**Related Industry Certifications Available:** NCCT; MOS



		Grade	English	Math	Science	S.S.	Required Courses or Recommended Electives and/or CTE Courses			
<b>SECONDARY</b> <i>Career Coaching,</i>	<b>9</b>	English 9	Algebra I Part I and Part II	Earth Science I	World Geography	Keyboarding (6602)				Health/PE 9
	<b>10</b>	English 10	Geometry	Biology I						Health/PE 10
	<b>11</b>	English 11		Earth Science II Or Biology II	US History	<i>Principles of Technology I</i>	<i>Electronics Systems I</i>	<i>High Performance Manufacturing I</i>		
						AIR 121 (EEE Technical Elective)	ELE 113 (ELE 121)	MAC 161		
						ITE 100	ETR 110 (EEE Technical Elective)	MAC 128		
<b>12</b>	English 12*			VA/US Government*	<i>Principles of Technology II</i>	<i>Electronics Systems II</i>	<i>High Performance Manufacturing II</i>			
					AIR 122 (EEE (Technical Elective)	ETR 149 (EEE Technical Elective)	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> <b>Community College</b> <i>Career Placement</i>	<b>Year 1 1<sup>st</sup> Sem</b>	ENG 137 Communication Processes I	MTH General Education Math Elective			SDV 100 College Success Skills	BLG 105 Shop Practices and Procedures <b>OR</b> Technical Elective	ELE 121 Electrical Circuits I	EEE Technical Elective	
							ELE 127 Residential Wiring Methods			
	<b>Year 1 2<sup>nd</sup> Sem</b>				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
Students who successfully complete the High Performance Technology Program will receive one science credit