



Southside
Virginia
Community
College



College: Southside Virginia Community College
School Divisions: Rowanty Technical Center

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		
SECONDARY <i>Career Coaching,</i>	9	English 9	Algebra I (Recommended)	Earth Science	World History I				Health/PE 9
	10	English 10		Biology	World History II				Health/PE 10
	11	English 11	Math	Science	US History		ELE 113 Electricity I		
	12	English 12	Math		Government		ELE 114 Electricity II		
College Placement Assessments (Reading, Writing, & Math)									
POSTSECONDARY <i>Community College Career Placement</i>	Year 1 1st 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 2nd 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			
	Year 1 Summer								

4-year Institution	Year 2 1st Sem				SSC 102 Contemporary Social Problems II	AIR 135 Circuits and Controls II	AIR 181 Planning and Estimating I OR EEE Technical Elective	ELE 132 National Electric Code II	EEE Technical Elective
	Year 2 2nd Sem								EEE Approved Technical Elective
	Year 2 Summer								
4-year Institution	University/College:					Key	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	
ELE 113 Elec. I	ELE 121 Electrical Circuits I
ELE 114 Elec. II	ELE 122 Electrical Circuits II

Guidelines
Algebra I recommended for Electricity Program Students
Some math and science courses determined by local school districts
DPOR Tradesman Certification available after two years employment in specific fields