



College: Southside Virginia Community College
School Divisions: Mecklenburg County

Career Cluster: Manufacturing
Career Pathway: Electronics Technology – A.A.S.
Related Industry Certifications Available: CET; 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 Part I and Part II	Earth Science I	World Geography				Health/PE 9	
	10	English 10	Geometry	Biology I		Computer Information Systems (6612)			Health/PE 10	
	11	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	ELE 113	MAC 161		
						ITE 100	ETR 110 (EEE __)	MAC 128		
						DRF 135	DRF 127	MAC 131		
	12	English 12*			VA/US Government*	<i>Principles of Technology II</i>			<i>Electronics Systems II</i>	<i>High Performance Manufacturing II</i>
						AIR 122	ETR 149 (EEE __)	MAC162		
						AIR 159	IND 140	MAC 132		
						MTH 103	ETR 167	MAC 150		
College Placement Assessments (Reading, Writing, & Math)										
POSTSECONDARY <i>Community College Career Placement</i>	Year 1 1st Sem	ENG137 Communication Processes I OR ENG 111 College Composition I	MTH 163 Pre-Calculus I			ETR 106 Basic Programming applied to Electrical/Electronic Calculations OR Equivalent	ETR 113 D.C. And A. C. Fundamentals I	HLT/PED	SDV 100 College Success Skills	
	Year 1 2nd Sem	ENG138 Communication Processes II OR ENG 112 College Comp II OR SPD 110 Intro to Speech Communications	MTH 168 Pre-calculus II with Introductory Calculus OR MTH 270 Applied Calculus II OR EEE-- - Approved Tech Elective			ETR 143 Devices and Applications I	ETR 114 D.C. And A. C. Fundamentals II	HLT/PED	EEE __ Approved Technical Elective	

	Year 1 Summer								
	Year 2 1st Sem			PHY 201 General College Physics OR EEE____ Approved Technical Elective	SSC 101 Contemporary Social Problems I	ETR 144 Devices and Applications II	ETR 241 Electronics Communications I	ETR 279 Digital Principles, Terminology and Applications	
	Year 2 2nd Sem				SSC 102 Contemporary Social Problems II	ETR 266 Microprocessor Applications	ETR 242 Electronic Communications II OR EEE____ Approved Technical Elective	ETR 298 Seminar and project OR EEE____ Approved Technical Elective	
					HUM EEE Humanities 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	
DE English	College Composition I & II
DE Government	Social Science Elective

Guidelines:
Students who successfully complete the High Performance Technology Program will receive one science credit