



College: Southside Virginia Community College
School Divisions: Mecklenburg County

Career Cluster: Manufacturing
Career Pathway: High Performance Technology - Electronics - Certificate
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) (ITE 115)			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 (ELE 121)	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 Community College <i>Career Placement</i>	Year 1 1 st Sem	Eng 137 Communication Processes I OR ENG 111 English Composition	MTH _ _ _ _			SDV 100 College Success Skills	ELE 121 Electrical Circuits I	ETR 101 Electrical/ Electronic Calculations	ETR 168 Digital Circuits
						ITE 115 Intro to Computer Applications and Concepts			

	Year 1 2nd Sem				SSC 101 Contemporary Social Problems I	ELE 122 Electrical Circuits II	ETR 141 Electrical Devices I	ETR 237 Industrial Electronics I OR EEE ____ Approved Technical Elective	EEE ____ Approved Technical Elective
	Year 1 Summer								
	Year 2 1st Sem				SSC 102 Contemporary Social Problems II	ETR 277 Computer Interfacing/ Maintenance OR IT ____ Elective	ETR 142 Electronic Devices II	ETR 238 Industrial Electronics II	EEE ____ Approved Technical Elective
	Year 2 2nd Sem								
	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:
Computer Information Systems required by Mecklenburg
Students who successfully complete the High Performance Technology Program will receive one science credit