



College: Southside Virginia Community College
School Divisions: Lunenburg 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 Part I & Part II	Earth Science					Health/PE 9
	10	English 10	Geometry	Chemistry OR Biology	World Geography	Computer Information Systems (6612)			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	ELE 113 (ETR 113)	MAC 161	
						ITE 100	ETR 110 (EEE ___)	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	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