


Career Cluster: Manufacturing		Secondary CTE Program: Electronic Technology (8730000)						
Career Cluster Pathway: Production		Industry Certifications: NCCER Electronic Systems Technician - Level 1 (NCCER013)						
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL ED (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)	
HIGH SCHOOL	<ul style="list-style-type: none"> • Students are encouraged to use flchoices.org to explore careers and postsecondary options. • Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. • Students planning to enroll in any postsecondary degree program should take the Postsecondary Education Readiness Test (PERT) in eleventh grade if they do not earn college ready scores on the FCAT 2.0, or subject area end of course exam. 							
	9	English I	Algebra or Higher	Earth & Space Science or Biology	World History	9th Grade Transition AND Fine Arts Credit - Drafting 1 8725010	Electronic Technology 1 8730010 AND Electronic Technology 2 8730020	See Fine Arts Credit
	10	English II	Geometry or Higher	Biology or Chemistry	Elective	Physical Education	Electronic Technology 3 8730030 AND Electronic Technology 4 8730040	Drafting 2 8725020
	11	English III	Algebra II or Higher	Chemistry or Physics or Physical Science	United States History		Electronic Technology 5 8730050 AND Electronic Technology 6 8730060	Foreign Language
	12	English IV	Pre-Calculus or Other Math Course	Science Elective or Other Elective	United States Government/ Economics		Electronic Technology 7 8730070	Manufacturing Directed Study 9201000
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	<u>Electronic Technology (PSAV I150303)</u> George T. Baker Aviation Miami Lakes Educational Center Robert Morgan Educational Center		<u>Miami Dade College</u> Electronics Engineering Technology (BS) Electronics Engineering Technology (AS) Telecommunications Engineering Technology (AS) Computer Specialist (CCC) Microcomputer Repair/Installer (CCC) Network Systems Developer (CCC)			Electrical Engineering Electronics Engineering Technology Electronics and Communications		

SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.)			
CAREER	Electronics Assembler Electronics Tester Electronics Equipment Repairer Electronics Technician	Electrical and Electronic Engineering Technician Electrical and Electronic Equipment Assemblers Supervisor of Mechanics, Installers, and Repairers Telecommunications Equipment Installers and Repairers	Mechanical Engineer Electronic Engineer Computer Electronics Engineer Chief Electronics/Communications Technician
ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES			
CREDIT	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree	PSAV/PSV to AAS/AS or AS to BS or BAS
	<u>Occupational Completion Points (OCP)</u> Electronics Assembler EEV0010 - 250 Hrs (OCP A) Electronics Tester EEV0100 - 400 Hrs (OCP B) Electronics Equipment Repairer EEV0500 - 375 Hrs (OCP C) Electronics Technician EEV0616 - 375 Hrs (OCP D)	<u>Miami Dade College Articulation Agreement Programs</u> AS Degree in Electronics Engineering Technology (26039), and College Credit Certificate in Computer Specialist (CCC 66033), OR Network Systems Developer (CCC 66034) <u>Courses:</u> Direct Current Circuits EET 1015C Alternating Current Circuits EET 1025C Introduction to Electronics EET 1082 Electronics 1 EET 1141C 15 College Credits	<u>Associate Science to Baccalaureate Degree Statewide Articulation Agreement</u> AS Electronics Engineering Technology to BS Electronics Engineering Technology - OR to BS Engineering Technology General (Track 2: Electrical) Total Hours 134
Career and Technical Student Association			
SkillsUSA			
Internship / Work Experience Recommendations			
Aviation or Manufacturing Companies			