

Career Cluster: Information Technology Business Computer Programming Career Cluster Pathway: (Program # 8206500)		Secondary CTE Program: Business Technology Education					
Eligible Recipient: All Students		16 CORE CURRICULUM CREDITS				8 ADDITIONAL CREDITS	
	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)
	4 credits	4 credits	3 credits, 2 with lab	3 credits	FINE ARTS (1 cdt) PHYSICAL EDUCATION (1 cdt)	Major Area of Interest:	
	High School Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org.						
9	English I	Algebra or Higher	Earth & Space Science or Biology	World History	9th Grade Transition	Introduction to Information Technology 820731001 OR Computing for College & Career 820902001	
10	English II	Geometry or Higher	Biology or Chemistry	Elective	Physical Education	Business Computer Programming I 820601003	
11	English III	Algebra II or Higher	Chemistry or Physics or Physical Science	American History	Foreign Language or Other Elective	Business Computer Programming II 820602003	
12	English IV	Pre-Calculus or Other Math Course	Science Elective or Other Elective	American Government/ Economics	Foreign Language or Other Elective	Business Computer Programming III 820603001	
Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.							
Postsecondary Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. 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)		
Not Applicable		Miami Dade College Marketing Management (AS) Computer Programming Analysis (AS) Database Technology (AS)			GO TO: www.facts.org to find all Florida university programs STEP 1: Click on "Finding a College or Program" STEP 2: Click on "Find a Degree Program" STEP 3: Complete a search by selecting Institution Type, and specifying the Program Area and Degree Level.		
Career SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.)							
Webmaster Computer System Support		Software Application Support Software Architect			Independent Business Owner Wireless Installer Software Quality Assurance Specialist		
Credit ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES							
Secondary to Technical Center (PSAV)		Secondary to College Credit Certificate or Degree			PSAV/PSV to AAS or AS to BS or BAS		
Occupational Completion Points Information Technology Assistant (A) Computer Programmer Assistant (B) Junior Programmer (C)		Dual Enrollment Opportunities ENC 1101 English Composition I MAC 1105 College Algebra or Higher SPC 1017 Fundamentals of Speech Communication CLP 1006 Psychology of Personal Effectiveness PHI 2604 Critical Thinking and Ethics CGS 1060 Introduction to Microcomputer Usage Miami Dade College Articulated Courses (AS) CIS 1000 Introduction to Data Processing COP 1332 Introduction to Visual Basic OR COP 1334 Introduction C++ Art Institute of Fort Lauderdale (AiFL) Articulated Courses CGS 1160C Computer Science Industry Certification to AS/AAS Degree Florida Department of Education Articulation Agreement The Adobe Certified Associate (Flash) shall articulate three (3) college credit hours to the AAS/AS Degree in Internet Services Technology.			PSAV to AAS/AS Statewide Articulated Programs Computer Programming Analysis - 15 College Credits		
*Possible Industry Certifications (Students):							
Secondary:	ADOBE011 - Adobe Certified Associate (Flash)						
Postsecondary:							