


Career Cluster: Information Technology		Secondary CTE Program: Business Technology Education						
Career Cluster Pathway: Networking Support Services (Program # 8208000)		Eligible Recipient: All Students						
	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		CAREER AND TECHNICAL EDUCATION COURSES  Major Area of Interest:	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)
					FINE ARTS (1 cdt) PHYSICAL EDUCATION (1 cdt)			
<b>HIGH SCHOOL</b> 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	Computing for College & Career 820902001 OR Introduction to Information Technology 820731001		
10	English II	Geometry or Higher	Biology or Chemistry	Elective	Physical Education	Networking I (Level 2) 820702001		
11	English III	Algebra II or Higher	Chemistry or Physics or Physical Science	American History	Foreign Language or Other Elective	Networking II, (Level 3/Honors) 820703001	Networking II (CISCO Academies) (Local Honors) 820703003	
12	English IV	Pre-Calculus or Other Math Course	Science Elective or Other Elective	American Government/ Economics	Foreign Language or Other Elective	Networking III (Level 3/Honors) 820704001	Networking III (CISCO Academies) 820704003	
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.								
<b>POSTSECONDARY</b> 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)			
Network Support Services The English Center		Miami Dade College Associate of Science (AS) Networking Services Technology (CISCO) Marketing Management Database Technology			GO TO: <a href="http://www.facts.org">www.facts.org</a> 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.			
<b>CAREER</b> SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.)								
Webmaster Computer System Support		Software Application Support Software Architect			Wireless Installer Software Quality Assurance Specialist			
<b>CREDIT</b> ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES								
<b>Secondary to Technical Center (PSAV)</b> <b>Occupational Completion Points</b> Information Technology Assistant (A) Computer Support Assistant (B) Network Support Help Desk Assistant (C) Network Support Administrator (D)  <b>The English Center</b> <b>Articulated Courses</b> OTA 0040.A6 Information Technology Assistant *EEV 0504.A1 Computer Support Assistant *CTS 0022.A1 Network Support Help Desk Assistant *CTS 0023.A1 Network Support Administrator *Students must show proof of COMPTIA A+ Certification, or take and pass the COMPTIA A+ Certification exam.		<b>Secondary to College Credit Certificate or Degree</b> <b>Dual Enrollment Recommendations</b> ENC 1101 English Composition I MAC 1105 College Algebra SPC 1017 Fundamentals of Speech Communication CLP 1006 Psychology of Personal Effectiveness PHI 2604 Critical Thinking and Ethics CGS 1060 Introduction to Microcomputer Usage CTS 1134 Networking Technologies  <b>Miami Dade College Local Articulated Courses (AS)</b> CIS 1000 Introduction to Data Processing CTS 1650 Network Fundamentals CTS 1651 Router Technology CTS 2652 Advanced Router Technology  <b>Art Institute of Fort Lauderdale (AIFL) Local Articulated Courses</b> CGS 1160C Computer Science  <b>Industry Certification to AS/AAS Degree</b> <b>Florida Department of Education</b> <b>Articulation Agreement</b> CompTIA A+ articulates to three (3) college credit hours to the AAS/AS Degree in Computer Information Technology. Articulated credit awarded under this agreement may only be applied to the above AAS/AS Degree and the following College Credit Certificate (CCC) programs: Information Technology Analysis (0507030607) and Information Technology Support Specialist (0507030606). Students can be awarded up to 12 credits in an AAS/AS Networking Services Technology Degree for Cisco Certified Network Associate (CCNA) Certification.			<b>PSAV/PSV to AAS or AS to BS or BAS</b> <b>PSAV to AAS/AS</b> <b>Florida Department of Education</b> <b>Articulated Programs</b> Computer Engineering Technology 9 College Credits Networking Services Technology 9 College Credits			
<b>*Possible Industry Certifications (Students):</b>								
Secondary:		Cisco Certified Network Associate (CCNA), COMPTIA A+ Certification, Cisco Certified Entry Networking Technician (CCENT), Interconnecting Cisco Network Services 2 (ICND2)						
Postsecondary:		Cisco Certified Network Associate (CCNA), COMPTIA A+ Certification, Cisco Certified Entry Networking Technician (CCENT), Interconnecting Cisco Network Services 2 (ICND2)						