


Career Cluster: Information Technology				CTE Program: Technology Support Services				
Career Cluster Pathway: Technology Support Services 9001400				Industry Certifications: CompTIA A+ (COMPT001) CompTIA Network+ (COMPT006) CompTIA Security+ (COMPT008) CompTIA Server+ (COMPT009) Cisco Certified Network Associate (CCNA) (CISCO004)				
	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 EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
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. • One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9th	English/Language Arts (ELA) I (1 credit)	Algebra 1 (1 credit)	Biology I (1 credit)		Physical Education (1 credit) (Not required for ACCEL Program)	Intro to Information Technology	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	10th	English/Language Arts (ELA) II (1 credit)	Geometry (1 credit)	Physical Science* (1 credit) *Recommended	World History (1 credit)		Technology Support Services- Client Systems	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	11th	English/Language Arts (ELA) III (1 credit)	Algebra II* (1 credit) *Recommended	Chemistry* (1 credit) *Recommended	US History (1 credit)	Practical Arts or Fine Arts course (1 credit)	Technology Support Services- Network Systems	Other elective course appropriate for student's career and education plan.
	12th	English/Language Arts (ELA) IV (1 credit)	Math for College Readiness* *Recommended		Economics (1/2 credit) United States Government (1/2 credit)		Technology Support Services- Specialized Technologies	Other elective course appropriate for student's career and education plan.
POST SEC OND ARY	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)
	<p><u>Technology Support Services</u> Dorsey, D.A. Educational Center (The) English Center Miami Lakes Educational Center Robert Morgan Educational Center South Dade Adult Education Center</p> <p><u>Computer Systems & Information</u> Miami Lakes Educational Center Robert Morgan Educational Center</p> <p><u>Network Support Services</u> (The) English Center Miami Lakes Educational Center Robert Morgan Educational Center</p> <p><u>Network Systems Administration</u> (The English Center)</p>	<p><u>Miami Dade College</u> CCC Information Technology Support (66044) CCC Computer Specialist (66033) CCC Network Systems Developer (66034)</p>	<p><u>Florida International University</u> Information Technology</p> <p><u>Florida Memorial University</u> Computer Information Systems Management Information Systems</p> <p><u>University of Miami</u> Computer Science</p>
	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
CAREER	<p>Computer Systems & Information Technology Network Support Services Network Administration Technology Support Services Software Application Support</p>	<p>Information Technology Assistant Wireless Installer Technical Support Specialist Network Administrator</p>	<p>Security Technician User Support Specialist Telecommunications Network Technician</p>
	Articulation and CTE Dual Enrollment Opportunities		
CREDIT	<p>Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)</p>	<p>Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)</p>	<p>PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)</p>

<p><u>Technology Support Services-Client Systems (150)</u> Dorsey, D.A. Educational Center (The) English Center Miami Lakes Educational Center Robert Morgan Educational Center South Dade Adult Education Center</p> <p><u>Technology Support Services-Network Systems (150)</u> (The English Center)</p> <p><u>Technology Support Services-Specialized Technologies (150)</u> Dorsey, D.A. Educational Center (The) English Center Miami Lakes Educational Center Robert Morgan Educational Center South Dade Adult Education Center</p>	<p align="center"><u>Miami Dade College Articulated Courses</u></p> <p>CTS 1134 articulates to an AS Degree in Computer Information Technology (22055) or Networking Services Technology (25062) or CCC Information Technology Support (66044)</p> <p>CET 1178C articulates to an AS Degree in Computer Engineering Technology (26052) or CCC Computer Specialist (66033) or CCC Network Systems Developer (66034)</p> <p><u>Gold Standard Career Pathways Statewide Articulation Agreement Industry Certification Passed in High School to AAS/AS Degree Program</u></p> <p align="center">CompTIA A+ (COMPT001) CompTIA Network+ (COMPT006) CompTIA Security+ (COMPT008) CompTIA Server+ (COMPT009) Cisco Certified Network Associate (CCNA) (CISCO004)</p> <p><u>Miami Dade College Dual Enrollment Opportunities</u></p> <p align="center">CTS 1134 Networking Technologies CTS 1650 Networking Fundamentals CTS 1651 Routing Protocols & Concepts CTS 2652 LAN Switching & Wireless Networking CTS 2653 Accessing the WAN CGS 1060 Introduction to Microcomputer Usage COP 1332 Introduction to Visual Basic CET 1171 Introduction to computer Service & Maintenance EET 1015C Direct Current Circuits EET 1082 Introduction to Electronics CGS 1560 Microcomputer Operating Systems</p> <p><u>Non-Articulated Industry Certifications</u></p> <p>Cisco Certified Entry Network Technician (CCENT)CCENT - CISCO003 Microsoft Technology Associate (MTA) - Windows OS Fundamentals - MICRO076 Microsoft Technology Associate (MTA) - Networking Fundamentals - MICRO078 Microsoft Technology Associate (MTA) - Security Fundamentals - MICRO077 Certified Internet Web (CIW) - Network Technology Associate - PROSO018</p>	<p align="center">Statewide Articulation Agreements</p> <p align="center">Not Applicable</p> <p align="center">Gold Standard Career Pathways Statewide Articulation Agreement - Industry Certification Passed in PSAV Program to AAS/AS Degree Program</p> <p align="center">Not Applicable</p> <p align="center">Associate Science to Baccalaureate Degree Statewide Articulation Agreement</p> <p align="center">Interdisciplinary Studies Computer Engineering Computer Science Information Technology Telecommunication Technology Information Science Management Information System</p>
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Career and Technical Student Association

Future Business Leaders of America, Skills USA

Internship/Work Experience Recommendations

Intern, Shadow or work at a company that needs: Basic IT Skills (PC Hardware/Software) - Install, repair, maintain computers and OS/Application Installation and Maintenance of Local Area Network (wired and wireless).
Intern, shadow or work with ITS (Information Technology Services) within the school system after school or during summer in various areas of technology. Computer Systems and Information Technology Cisco Networking Academy students have the opportunity of a summer internship within the M-DCPS ITS Department.
National Academy Foundation (NAF) students have the opportunity to participate in job shadowing, internships, and on-the-job training (OJT).

Program of Study Graduation Requirements 2013-2014: [Program of Study Graduation Requirements Checklist](#)