


Career Cluster: Information Technology					CTE Program: Network Systems Administration 8207440			
Career Cluster Pathway: Computer Information Technology, A.S.					Industry Certification: Computing Technology Industry Assoc. CompTIA+, Network+, Server+			
	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 fchoices.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 I	Algebra I	Physical Science	World Cultural Geography	Physical Education (1 credit) (Not required for ACCEL Program)	Digital Information Technology	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	10th	English II	Geometry	Biology	World History			Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	11th	English III	Algebra II	Chemistry or Marine Science.	United States History	Practical Arts or Fine Arts course (1 credit)	Networking I	Other elective course appropriate for student's career and education plan.
	12th	English IV	Pre-Calculus	Elective	American Government		Networking 2 Administration	Other elective course appropriate for student's career and education plan.
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)		
			College of Central Florida: Computer Information Technology, A.S.			University of South Florida: BS in Computer Science		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	COMPUTER SUPPORT TECHNICIAN (TOL)		COMPUTER PROGRAMMERS (TOL)			COMPUTER SYSTEMS ANALYSTS (TOL)		

Articulation and CTE Dual Enrollment Opportunities

CREDIT	Secondary to Technical Center (PSAV)	Secondary to College Credit Certificate or Degree <small>(Minimum # of clock or credit hours awarded)</small>		PSAV/PSV to AAS or AS/BS/BAS Statewide Articulation in Network Systems Administration shall articulate nine (9) college credit hours to the AAS/AS Degree in Computer Engineering Technology
		Secondary Courses/Certifications Digital Information Technology Networking 1 (8207020) Networking 2, Administration (8207441) Networking 3, Administration (8207442) COMPT001: CompTIA A+ COMPT006: CompTIA Network+ Security+ Server+ Microsoft Office Master Microsoft Office Specialist Excel Expert Word Expert MTA-Windows Operating 98-349	College of Central Florida OST1100 Introduction to Word (Elective 3) CET1171 Intro to Computer Technology (3) COMPT001: <u>CompTIA A+</u> CET 1178C PC Essentials- Hardware (3) CET 1179 PC Essentials- Software (3) CET 2180 Practical PC Technician (3) COMPT006: <u>CompTIA Network+</u> CTS 2134 Networking Fundamentals (3) <u>Security+</u> CTS 2120 Security Fundamentals (3) <u>Server+</u> CTS 2143 Server + (3) Microsoft Office Master (MOM) CGS 1100 Microcomputer Applications (3) CGS 2103 Spreadsheet Applications (3) OST 2717 Advanced Word (3) CGS 2540 Database Management (3) Microsoft Office Specialist (MOS) Bundle (3 of 5 tests) OST 1100 Introduction to Word (3) EXCEL Expert CGS 2103 Spreadsheet Applications (3) WORD Expert OST 2717 Advanced Word (3) MTA-Windows Operating 98-349 CET 1179 PC Essentials- Software	

Career and Technical Student Association

Future Business Leaders of America (FBLA)

Internship/Work Experience Recommendations

Local Information Technology businesses.

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements/index.shtml>