

Career Cluster: Information Technology  
 Career Cluster Pathway: Network Systems

CTE Program: **Network Support Services (B078000)**  
 Industry Certification: CISCO003,004,005 & COMPT001,006

**18 CORE CURRICULUM CREDITS**

**12 ADDITIONAL CREDITS**



<b>ENGLISH</b> (4 credits)  AP- Adv. Placement DE- Dual Enrollment	<b>MATH</b> (4 credits)  AP- Adv. Placement DE- Dual Enrollment	<b>SCIENCE</b> (4 credits, 2 with lab)  AP- Adv. Placement DE- Dual Enrollment	<b>SOCIAL STUDIES</b> (4 credits)  AP- Adv. Placement DE- Dual Enrollment	<b>CAREER EDUCATION PROGRAM COURSES</b>  <b>Other Requirements:</b> Pass FCAT 2/PARC – Reading Level 3, pass Algebra I EOC, and 30% of EOC Exam for Biology, Algebra 2, Geometry, US History	<b>RECOMMENDED ELECTIVES</b> (State University Aligned)  (One virtual course is required)
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**Dual enrollment and CTE courses satisfy graduation and Bright Futures Gold Seal Vocational Scholar requirements. Agriscience Foundations and Aerospace Technology satisfy core science requirements. State Approved industry certifications lead to college credit and may substitute for up to two high school credits of math and one credit of science. One online course and a 2.0 is required for graduation. Visit [www.flvs.org](http://www.flvs.org) and your counselor.**

**HIGH SCHOOL**

<b>9</b>	English 1 or English 1 Honors (1)	Algebra I or Higher Level Math (1)	Earth Space Science or Honors (1)	Geography and History of the World or AP Human Geo.(1)	Advanced Communication or Intensive Reading (1)	HOPE (1) (Florida Virtual)	Spanish I or Higher Level Course (1)
<b>10</b>	English 2. or English 2 Honors (1)	Geometry or Higher Level Math (1)	Biology or Biology Honors (1)	World History or World History Honors or AP (1)	Digital Information Technology (1)	Semantics & Logic (.5) / Adv. Reading (.5) or Intensive Reading (1)	Spanish 2 or Higher Level Course (1)
<b>Students take the TABE within 6 weeks of attending classes at LWTC and are encouraged to take the ACT, SAT or PERT during 11<sup>th</sup> grade.</b>					<b>Program B078000 Network Support Services at Lorenzo Walker Technical College</b>		
<b>11</b>	English or English 3 Honors or AP English Comp. (1)	Algebra II or Higher Level Math (1)	Chemistry (1)	American History or AH Honors or AP (1)	<b>B078000 Network Support Services:</b> OTA0040(150)= A, EEV0504(150)= B, CTS0022(150)= C, CTS0023 (75)		
<b>12</b>	English 4 or English 4 Honors or AP (1)	Precalculus or Pro. & Stats. or Higher Level Math	Genetics (1)	American Govt./ Economics or Honors or AP (1)	<b>B078000 Network Support Services:</b> Continue CTS0023 (75) = D, CTS0024 (150) = E, CTS0029 (150)= F, EEV0317 (150)= G		

**POSTSECONDARY**

<b>Based on this Career Cluster and identified career and identified technical education program, the following postsecondary options are available</b>		
<b>TECHNICAL CENTER PROGRAM(S)</b>	<b>COMMUNITY COLLEGE PROGRAM(S)</b>	<b>UNIVERSITY PROGRAM(S)</b>
<b>LWTC</b> B078000 Network Support Services – (1050 hrs.) PSAV Certificate- LWIT	<b>FL Southwestern State College</b> -Networking Administrator, <b>AS</b> , (62 hrs.) -Network Security, <b>CC</b> , (30 hrs.) -IT Support Specialist, <b>CC</b> (18 cr.) <b>South Florida Community College</b> -Network Support Services, <b>AAS</b> , (63 hrs.) -Network Support Services, <b>OC</b> . (32 hrs)	-Computer Information Technology, <b>AS</b> , (60 hrs.)- <b>Hodges Univ.</b> -Computer Information Technology, <b>BS</b> , (122 hrs.)- <b>Hodges Univ.</b> -Information Sys. Management, <b>BS</b> , (122 hrs.)- <b>Hodges Univ.</b> -Network Systems & Data Communications, <b>BS</b> , (143 hrs)- <b>Keiser U.</b> -Management Information Sys., <b>BS</b> , (126 hrs)- <b>USF</b> ; (121 hrs) <b>FSU</b> -Computer Information systems, <b>BS</b> , (120 cr.), <b>FGCU</b>

<b>ARTICULATIONS/ CREDIT</b>	<b>High School Students <u>Dual Enrolled</u> in PSAV Technical Center Program</b>	<b>Technical Center or High School to Community or State College</b>	<b>State and Community Colleges to Universities</b>
	<b>LWIT</b> <b>PSAV B078000 <u>Network Support Services</u> (1050 hrs.)</b>  OTA0040 Information Tech Asst. (150 hrs) <b>OCP A</b> EEV0504 Computer Support Asst. (150 hrs) <b>OCP B</b> CTS0022 Network Support Help Desk Asst. (150 hrs) <b>OCP C</b> CTS0023 Network Support Administrator (150 hrs) <b>OCP D</b> CTS0024 Senior Network Administrator (150 hrs) <b>OCP E</b> CTS0029 Wireless Network Administrator (150 hrs) <b>OCP F</b> EEV0317 Data Communications Analyst (150 Hrs) <b>OCP G</b>	<b>Statewide</b> CISCO004 =12 cr. <b>AS</b> , Computer Engineering Tech. and Networking Services Technology CISCO005 = 12 cr. <b>AS</b> , Computer Engineering Tech. and Telecommunication Engineering Technology CISCO005 = 6 cr. <b>AS</b> , Networking Services Technology COMPT001 = 6 cr. <b>AS</b> , Computer Engineering Tech. and = 3 cr. <b>AS</b> , Computer Information Technology COMPT006 = 3 cr. <b>AS</b> , Network Services Tech. and Computer Engineering Technology ----- -Networking 1-3 = (3 cr.) Hardware Support Essentials - <b>HU</b> -Networking Adm. 2-3 = (4 cr.) Hardware & Oper. Sys. – <b>HU</b> -PSAV to <b>AS</b> in Network Support Svc. Or Computer Engineering Technology = (9 cr.)- (statewide)	<b>FL Southwestern State College to Hodges University:</b> Interdisciplinary Studies, <b>BS</b> (62 hrs)- Technology  -Regional <b>AS</b> Degree = (60 cr.) toward <b>BAS</b> degree (120 cr.) in Applied Science
<b>Based on the Career Cluster of interest and identified CTE program the following sample career specialties</b>			
<b>CAREERS</b>	<b>Technical Centers</b>	<b>Community Colleges</b>	<b>4 Year Colleges and Universities</b>
	Information Technology Assistant Network Support Help Desk Assistant Information Systems Operator Security Technician (DOL) Computer User Support Specialist	Wireless Network Administrator (DOL) Network and Computer Systems Administrator - (HSHW) Computer Network Support Specialist Telecommunications Network Technician Network Support Administrator (DOL) Vocational Ed. Teacher, Postsecondary – (HSHW)	Data Communications Analyst (DOL) Computer Systems Analyst (HSHW) (DOL) Information Security Analyst (HSHW) Network Presales Engineer Senior Network Administrator (DOL)Network and Comp. Sys. Architects and Administrators (HSHW)
<b>INDUSTRY CERTIFICATIONS</b>			
<b>All certifications students have the opportunity to take while in this POS:</b> CISCO003 Cisco Certified Entry Networking Technician (CCENT), CISCO Systems CISCO004 Cisco Certified Network Associate (CCNA), CISCO Systems CISCO005 Cisco Certified Network Professional (CCNP), CISCO Systems CISCO013 Cisco Certified Network Associate Wireless (CCNA Wireless), CISCO Systems COMPT001 CompTIA A+, CompTIA COMPT006 CompTIA Network+, CompTIA			
<b>CAREER AND TECHNICAL STUDENT ASSOCIATION</b>			
Future Business Leaders of America ( <b>FBLA</b> ), Business Professionals of America ( <b>BPA</b> ), SkillsUSA and <b>Phi Beta Lambda</b> (postsecondary)			
<b>INTERNSHIP/WORK EXPERIENCE RECOMMENDATIONS</b>			
Intern, shadow or work at a company that installs and manages networking systems or work with school or district technology specialists. Shadow the data systems expert at school or district or business office. Shadow or inter with Web master at school or other business site. Join FBLA. Refer to <a href="http://collierschools.com/careertech/internships.htm">http://collierschools.com/careertech/internships.htm</a> for district approved internship opportunities.			
****	Reviewed May 1, 2016 and updated annually. See your Counselor for the most recent plan as student schedules will vary based on the needs of the student. Find detailed graduation requirements at: <a href="http://www.fldoe.org/academics/graduation-requirements">http://www.fldoe.org/academics/graduation-requirements</a>		

**Network Support Services (LWT – Postsecondary) #B078000**