

Career Cluster: Information Technology/(STEM)
 Career Cluster Pathway: Network Systems

CTE Program: **Computer Sys. & Information Tech. (Y100200)**
 Industry Certification: COMPT001

16 REQUIRED CREDITS

8 ELECTIVE CREDITS REQUIRED

<i>Collier County Program of Study</i>	ENGLISH (4 credits)	MATH (4 credits)	SCIENCE (3 credits, 2 with lab)	SOCIAL STUDIES (3 credits)	CAREER EDUCATION PROGRAM COURSES	RECOMMENDED ELECTIVES (State University System Aligned) (One virtual Course Required)		
	AP- Adv. Placement DE- Dual Enrollment	AP- Adv. Placement DE- Dual Enrollment	AP- Adv. Placement DE- Dual Enrollment	AP- Adv. Placement DE- Dual Enrollment	Other Requirements: Pass FCAT 2/PARC – Reading Level 3, pass Algebra I EOC, and 30% of EOC Exam for Biology, Algebra 2, Geometry, US History			
HIGH SCHOOL	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 and your counselor.							
	9	English I or Honors (1)	Algebra 1 or Honors or Geometry/Honors (1)	Earth & Space Science or Honors or AP Environmental Science (1)	World Geography or AP Human Geography or Intensive Reading (1)	Digital Information Technology (1) (*Art requirement)	HOPE (1)	Elective or Foreign Language 1 or Intensive Math (1)
	10	English 2 or Honors (1)	Informal Geometry or Geometry/ Honors or Algebra 2 or Honors (1)	Biology or Honors (1)	World History or Honors or AP (1)	Humanities or Intensive Reading (1)	Elective (1)	Elective or Foreign Language 2* or Intensive Math (1)
	Students must take the TABE within 6 weeks of attending classes at the Immokalee Technical College. Students are encouraged to take the ACT, SAT or PERT during 11th grade						Program Y100200 Computer Systems and Information Tech. at ITC (2 Pds.)	
	11	English 3 or Honors or DE or AP (1)	Geometry or Honors or Algebra 2 or Honors or DE or AP (1)	Chemistry or Physical Science or Physics or DE or AP (1)	American History or Honors, DE or AP (1)	Virtual Course (1)	Y100200 Computer Systems & Information Technology; CTS0082 (300 hrs) OCP-A	
	12	English 4 or Honors or DE or AP (1)	Algebra 2/Honors or Math for College Readiness or DE or AP (1)	Chemistry or Physics or complete CTS0069(1)	American Gov/ Economics or Honors or DE or AP (1)	Program Y100200 Computer Systems and Information Technology at ITC (2-3 Periods) Y100200 Computer Systems & Information Technology: CTS0083 (150 hrs.) OCP-B, CTS0084 (150 hrs.) OCP-C, CTS0069 (300 hrs.) OCP-D (Students may complete CTS0084, OCP-D after graduation)		
	Based on this Career Cluster and identified career and identified technical education program, the following postsecondary options are available							
POSTSECONDARY	TECHNICAL CENTER PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)		UNIVERSITY PROGRAM(S)			
	LWTC or ITC Y100200 Computer Systems and Information Technology– (900 hrs.) - PSAV Certificate B078000 Network Support Services- (1050 hrs) – PSAV Certificate – LWTC only		-Computer Information Systems- AS,(63 cr.)SFCC -Internet Services Technology- AS, (62 cr.) ESC -Network Systems Technology-AS, (62 cr.) FSW -Computer Program.& Analysis-AS,(62 cr.) FSW -Network Services Technology-AS(62cr.) FSW		-Computer Information Technology, AS, (60 cr.) - Hodges Univ. -Computer Information Technology, BS, (122 cr.) -Hodges Univ. -Information Systems Management, BS, (122 cr.) -Hodges Univ. -Information Management Systems, BS, (126 cr.) – Kaiser U -Management Information Sys. BS, (126 cr.) -USF, (121) FSU -Computer Information systems, BS, (120 cr.), FGCU -Network Systems & Data Communications, BS, (143 cr.) Keiser			

ARTICULATIONS/ CREDIT	High School Students Dual Enrolled in PSAV Technical Center Program	Technical Center or High School to Community or State College	State and Community Colleges to Universities
	<p align="center"><u>ITC - Dual Enrollment POS</u></p> <p>PSAV Y100200 <u>Computer Systems and Information Technology</u> – (900 hrs.)</p>	<p align="center"><u>Statewide Industry Certification</u></p> <p>COMPT001 = 3 cr. AS, Computer Information Technology</p> <p>PSAV Program completion = up to (12 cr.) toward AS in Computer. Programming and Analysis OR Networking Services Technology OR Networking Systems Technology- FSW</p>	<p><u>FL Southwestern State College to Hodges Univ.</u> Interdisciplinary Studies, Technology, BS (62 hrs)</p> <p align="center">Statewide</p> <p>-Regional AS Degree = (60 cr.) toward BAS degree (120 cr.) in Applied Science</p> <p>-AS to BS Information Tech. (121 cr.) -UCF</p>
Based on the Career Cluster of interest and identified CTE program the following are sample career specialties			
CAREERS	Technical Centers	Community Colleges	4 Year Colleges and Universities
	<p>Computer Systems Technician Call Center Support Representative Computer Services Repair Technician Computer Security Technician (DOL) Computer User Support Specialist Computer Network Technician (DOL) Computer Network Support Specialist - (HSHW)</p>	<p>Internet Researcher Electronic Publications Specialist Telecommunications Technician (DOL) Web Developers (HSHW) Robotics Technician Internet Consultant Cyber Detective Computer Security Specialist</p>	<p>(DOL) Computer Systems Analyst (HSHW) Security Expert (DOL) Network & Computer Systems Architects and Administrators (HSHW) Database Administrator Application Integrator Data Systems Designer Information Systems Analyst (DOL) Computer Programmers (HSHW)</p>
INDUSTRY CERTIFICATIONS			
All certifications students have an opportunity to take while in this POS:			
<p>COMPT001- CompTIA A+, Computing Technology Industry Association (CompTIA) MICRO077 – MTA – Microsoft Technology Associate – Security Fundamentals, Microsoft Corporation</p>			
CAREER AND TECHNICAL STUDENT ASSOCIATION			
Future Business Leaders of America (FBLA), Business Professionals of America (BPA), SkillsUSA and Phi Beta Lambda (postsecondary)			
INTERNSHIP/WORK EXPERIENCE RECOMMENDATIONS			
Volunteer, intern, shadow or work with school or district technology specialists. Shadow the data systems expert at school or district or hospital. Shadow or inter with Web master at school or other business site. Join FBLA. Refer to http://collierschools.com/careertech/internships.htm 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: http://www.fldoe.org/academics/graduation-requirements		

Computer Systems and Information Technology (ITC - Postsecondary) #Y100200