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|---|--|--------------------------|---|---|--|--|---|---|
| <b>Career Cluster: Information Technology</b>                                     |  |                          |   | <b>CTE Program: Technology Support Services 9001400</b>   |  |  |   |   |
| <b>Career Cluster Pathway: Computer Information Technology, A.S.</b>              |  |                          |   | <b>Industry Certification: Computing Technology Industry Assoc. CompTIA+, Network+, Security+</b> |  |  |   |   |
|  | <b>16 CORE CURRICULUM CREDITS</b>  |                          |   |   |  | <b>8 ADDITIONAL CREDITS</b>  |   |   |
|   | <b>ENGLISH</b><br>4 credits  | <b>MATH</b><br>4 credits | <b>SCIENCE</b><br>3 credits, 2 with lab                                     | <b>SOCIAL STUDIES</b><br>3 credits  | <b>OTHER REQUIRED COURSES</b><br>FINE ARTS (1 credit)<br>PHYSICAL EDUCATION (1 credit) | <b>CAREER AND TECHNICAL EDUCATION COURSES</b>  | <b>RECOMMENDED ELECTIVES</b><br>(ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS) |   |
| <b>HIGH SCHOOL</b>  | <ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>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.</li> <li>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</li> </ul> |                          |   |   |  |  |   |   |
|   | <b>9<sup>th</sup></b>  | English I                | Algebra I   | Physical Science  | World Cultural Geography   | Physical Education (1credit)<br>(Not required for ACCEL Program)                                   | Digital Information technology  | Foreign Language for SUS admission or other elective appropriate for student's career and education plan. |
|   | <b>10<sup>th</sup></b>   | English II               | Geometry  | Biology   | World History  |  | Client Services   | Foreign Language for SUS admission or other elective appropriate for student's career and education plan. |
|   | <b>11<sup>th</sup></b>   | English III              | Algebra II  | Chemistry or Marine Science.  | United States History  | Practical Arts or Fine Arts course (1 credit)  | Network Systems   | Other elective course appropriate for student's career and education plan.                                |
|   | <b>12<sup>th</sup></b>   | English IV               | Pre-Calculus  | Elective  | American Government  |  | Specialized Technologies  | Other elective course appropriate for student's career and education plan.                                |
| <b>POSTSECONDARY</b>  | <b>Based on the Career Cluster of interest and identified career and 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>College of Central Florida:</b><br>Computer Information Technology, A.S. |   |  | University of Florida:<br>Bachelor of Science in Computer Science<br>Liberal Arts and Sciences B.S |   |   |
| <b>CAREER</b>   | <b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>  |                          |   |   |  |  |   |   |
|   | COMPUTER SUPPORT TECHNICIAN (TOL)  |                          | COMPUTER PROGRAMMERS (TOL)  |   |  | COMPUTER SYSTEMS ANALYSTS (TOL)  |   |   |

**Articulation and CTE Dual Enrollment Opportunities**

|   |   |  |   |                                     |
|---|---|--|---|-------------------------------------|
| <b>CREDIT</b>   | <b>Secondary to Technical Center (PSAV)</b> | <b>Secondary to College Credit Certificate or Degree</b><br>(Minimum # of clock or credit hours awarded)   |   | <b>PSAV/PSV to AAS or AS/BS/BAS</b> |
|   |   | <b>Secondary Courses/Certifications</b>  |   |                                     |
|   |   | Digital Information Techolgy<br>Technical Support Services – Client Systems (9001420)<br>Technical Support Services- Network Systems (9001430)<br>Technical Support Services- Specialized Technologies (9001440)<br>COMPT001: CompTIA A+<br>COMPT006: CompTIA Network+ Security+<br>Server+<br>Microsoft Office Master<br>Microsoft Office Specialist<br>Excel Expert<br>Word Expert<br>MTA-Windows Operating 98-349 | COMPT001: CompTIA A+<br>CET 1178C PC Essentials- Hardware (3)<br>CET 1179 PC Essentials- Software (3)<br>CET 2180 Practical PC Technician (3)<br>COMPT006: CompTIA Network+<br>CTS 2134 Networking Fundamentals (3)<br>Security+<br>CTS 2120 Security Fundamentals (3)<br>Server+<br>CTS 2143 Server + (3)<br>Microsoft Office Master (MOM)<br>CGS 1100 Microcomputer Applications (3)<br>CGS 2103 Spreadsheet Applications (3)<br>OST 2717 Advanced Word (3)<br>CGS 2540 Database Management (3)<br>Microsoft Office Specialist (MOS) Bundle (3 of 5 tests)<br>OST 1100 Introduction to Word (3)<br>EXCEL Expert<br>CGS 2103 Spreadsheet Applications (3)<br>WORD Expert<br>OST 2717 Advanced Word (3)<br>MTA-Windows Operating 98-349<br>CET 1179 PC Essentials- Software (3) |                                     |
| <b>Career and Technical Student Association</b>   |   |  |   |                                     |
| <b>Skills USA</b>   |   |  |   |                                     |
| <b>Internship/Work Experience Recommendations</b>   |   |  |   |                                     |
| <b>Local Information Technology businesses.</b>   |   |  |   |                                     |
| Program of Study Graduation Requirements: <a href="http://www.fldoe.org/academics/graduation-requirements/index.shtml">http://www.fldoe.org/academics/graduation-requirements/index.shtml</a> |   |  |   |                                     |