| Career Cluster: **Information Technology** | | CTE Program: **Applied Information Technology 9003400** |
|---|---|---|
| Career Cluster Pathway: **Computer Information Technology, A.S.** | | Industry Certification: **Computing Technology Industry Assoc.** |


Citrus County SCHOOLS Superintendent Sandra "Sam" Himmel

| | **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**

- 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

| | ENGLISH | MATH | SCIENCE | SOCIAL STUDIES | OTHER REQUIRED COURSES | CAREER AND TECHNICAL EDUCATION COURSES | RECOMMENDED ELECTIVES |
|---|---|---|---|---|---|---|---|
| **9th** | English I | Algebra I | Physical Science | World Cultural Geography | Physical Education (1credit)) (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 | | Web Technologies | 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) | IT Systems and Applications | Other elective course appropriate for student's career and education plan. |
| **12th** | English IV | Pre-Calculus | Elective | American Government | | Database Essentials | 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 Florida: Bachelor of Science in Computer Science Liberal Arts and Sciences B.S |

**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) |
|---|---|---|

| CREDIT | Articulation and CTE Dual Enrollment Opportunities | | | |
|---|---|---|---|---|
| | **Secondary to Technical Center (PSAV)** | **Secondary to College Credit Certificate or Degree** (Minimum # of clock or credit hours awarded) | | **PSAV/PSV to AAS or AS/BS/BAS** |
| | | **Secondary Courses/Certifications** | **College of Central Florida** | |

**Career and Technical Student Association**

Skills USA

**Internship/Work Experience Recommendations**

**Local Information Technology businesses.**

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