


Career Cluster: Information Technology		Secondary CTE Program: Game/Simulation/Animation Programming (8208300) Post-Secondary Program: Game/Simulation/Animation Programming (B082300) or Game Development Design, AS						
Career Cluster Pathway: Information Support and Services		Secondary Industry Certification: CERTI009-ITS Device Configuration and Management (.2) TBOOM003-Toon Boom Certified Associate, Storyboard Pro (.1) Post-Secondary Industry Certification: PROSO023 – CIW Web Development Professional						
 WISE	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"> • 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. • Students should talk with their counselors about the availability and requirements of AP and Dual courses which are paid for by Walton County School District while you are enrolled in high school. The college credit hours may be used in your Post-secondary education. • Students are also encouraged to participate in CTE dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. Three courses are required within one program for BF – GSV. • Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org. 							
	9th	English I	Algebra 1-A	Physical Science or Biology	World History	Physical Education (1 credit) / HOPE (PE Variation)	Digital Information Technology 8207310	Elective Practical/Fine Arts
	10th	English II	Algebra 1-B	Physical Science or Biology	US History	Practical Arts or Fine Arts course (1 credit)	Game & Simulation Design 8208120	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	11th	English III	Geometry	Environmental Science	US Government	Personal Finance (Online Course)	Game & Simulation Programming 8208330	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	12th	English IV	Liberal Arts Math 1 or Liberal Arts Math 2		Economics/ Financial Literacy	Student Choice Elective	Multi-User Game & Simulation Programming 8208340	Student Choice Elective

POSTSECONDARY (PATHWAYS)	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.		
	TECHNICAL COLLEGE PROGRAM(S)	STATE COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	ECTC Web Applications Development & Programming	NWFSC Computer Programming and Analysis, AS Pensacola State College Computer Programming & Analysis – Programming Support, AS	UWF Software Design & Development, BS Computer Science, BS FSU Information Technology, BSBA
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
	Computer User Support Specialist Computer Occupations, All Other Web Development and Administration	Computer Programmer Web Designer Web Administrator	Webmaster Site Developer Social Networking Specialist
CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Technical College to State College Degree (Minimum # of clock or credit hours awarded)	AS to BS (Statewide and other local agreements may be included here)
	ITS Device Configuration and Management earns 3 credit hours toward Computer Information Technology Program or 3 credit hours toward Database Technology Program	1050 clock hour program in Web Design shall articulate six (6) college credit hours to the AAS/AS Degree in Graphics Technology 1050 clock hour program in Web Design shall articulate a minimum of six (6) college credit hours to the AAS/AS Degree in Internet Services Technology	68 college credit hours from AS in Computer Engineering Technology to BS in Information Systems Technology
Career and Technical Student Association			
Future Business Leaders of America (FBLA); Business Professionals of America (BPA)			
Non-Traditional Program Status: Game/Simulation/Animation Programming is not a non-traditional program for either gender.		2020 Regional Hourly Wage Range: (entry and mean) Computer User Support Specialists: \$19.36 - \$29.56 Web Developers: \$17.54 - \$27.72 Computer Network Support Specialists: \$16.92 - \$20.35 Software Developers: \$31.83 - \$50.79	
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements Wage Information provided by Florida Department of Economic Opportunity – Bureau of Workforce Statistics and Economic Research – http://www.floridajobs.org/workforce-statistics/publications-and-reports/labor-market-information-reports/regional-demand-occupations-list			