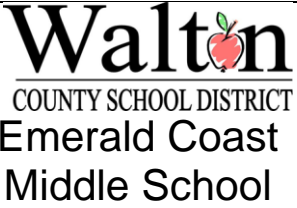


Career Cluster: Web Application Development & Programming	CTE Program: Foundations of Programming
Career Cluster Pathway: Information Technology	Industry Certification: PROSO016 - CIW Internet Business Associate (.1)

	12 CORE CURRICULUM COURSES				ADDITIONAL COURSES		
	LANGUAGE ARTS 3 credits	MATH 3 credits	SCIENCE 3 credits	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES PHYSICAL EDUCATION (1.5 credit)	CAREER AND TECHNICAL EDUCATION COURSES	ELECTIVES

MIDDLE 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. 							
	6 th	M/J Language Arts 1 or M/J Language Arts 1 Advanced	M/J Math 1 or M/J Math 1 Advanced	M/J Comprehensive Science 1 or M/J Comprehensive Science 1 Advanced	M/J World Cultures or M/J World Cultures Advanced	Physical Education (1 credit)	ICT Essentials 1 (9009110)	Intensive Reading <u>or</u> M/J Intensive Math <u>or</u> M/J Intern Spanish <u>or</u> M/J Art 2-D/3-D <u>or</u> AVID <u>or</u> Band 1 <u>or</u> Explor Tech/Explor Robotics Tech <u>or</u> Library/Media <u>or</u> M/J Pers/Career/ School Dev Skills
	7 th	M/J Language Arts 2 or M/J Language Arts 2 Advanced	M/J Math 2 or Pre-Algebra	M/J Comprehensive Science 2 or M/J Comprehensive Science 2 Advanced	M/J Civics or M/J Civics Advanced	Physical Education (.5 credit)	Coding Fundamentals (9009200)	M/J Pers/Career/ School Dev Skills & Career Planning <u>or</u> Intensive Reading <u>or</u> Band 1 <u>or</u> Band 2 <u>or</u> M/J Art 2D/3D <u>or</u> AVID <u>or</u> Library/Media
	8 th	M/J Language Arts 3 or M/J Language Arts 3 Advanced	Pre-Algebra	M/J Comprehensive Science 3 or M/J Comprehensive Science 3 Advanced	M/J US History & Career Plan or M/J US History & Career Plan Advanced		ICT Essentials 2 (9009120)	M/J Pers/Career/ School Dev Skills & Career Planning <u>or</u> Intensive Reading <u>or</u> M/J Art 2D/3D <u>or</u> AVID <u>or</u> Band 1/2/3 <u>or</u> Library/Media
	High School Courses for 7 th & 8 th Graders		Algebra 1 Honors or Geometry Honors				Digital Information Technology 8207310 (OCP A)	Spanish 1 <u>or</u> Spanish 2 <u>or</u> Chinese 1

HIGH SCHOOL AND POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.			
	HIGH SCHOOL	TECHNICAL COLLEGE PROGRAM(S)	STATE COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	SOUTH WALTON HIGH SCHOOL or SEACOAST COLLEGIATE HIGH SCHOOL Web Application Development & Programming	ECTC Web Application Development & Programming NWFSC Web Development Specialist, CCC	NWFSC Internet Services Technology, AS Pensacola State College Computer Programming & Analysis – Web Development, AS	UWF Info. Technology, B.S.B.A. FSU Info. Technology, B.S.B.A.
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			
	MIDDLE SCHOOL to HIGH SCHOOL Digital Information Technology – 1.0 credit with an OCP A in Web Application Development & Programming	High School to Technical College (PSAV) (Minimum # of clock hours awarded) Dual Administrative Office Specialist: 150 Clock hours toward AOS program (with Micro069 certification) or Dual Administrative Specialist: 150 Clock hours toward Medical Administrative Specialist program: 150 Clock hours (with Micro069 certification)	Technical College to State College Degree (Minimum # of clock or credit hours awarded) 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 nine (9) college credit hours to the AAS/AS Degree in Internet Services Technology	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
Career and Technical Student Association				
Future Business Leaders of America (FBLA); Business Professionals of America (BPA); Phi Beta Lambda (Postsecondary)				
Non-traditional Program Status: Web Development is considered a non-traditional program for females.			Salary Range: (entry and exit salaries) Computer User Support Specialist - \$28,990 - \$81,260 Web Developers: \$34,770 - \$116,620 Computer Occupations, All Other: \$45,320 - \$129,700	
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements Salary Information provided by US Dept. of Labor – Bureau of Labor Statistics – State of Florida (May 2015) http://www.bls.gov/oes/current/oes_fl.htm#29-0000				