


Career Cluster: Information Technology Secondary CTE Program: **1200 Hours** **Business Computer Programming** 8208300/B082300

Academy Pathway: Information Technology Eligible Recipient: **ATC Students on Target for Graduation**

	<b>ATLANTIC TECHNICAL HS OFFERS a 32 CREDIT HIGH SCHOOL DIPLOMA with 16 CORE CURRICULUM CREDIT REQUIREMENTS</b>						
	<b>ENGLISH</b>  4 credits	<b>MATH</b>  4 credits	<b>SCIENCE</b>  4 credits, 2 with lab	<b>SOCIAL STUDIES</b>  4 credits	<b>OTHER 8 credits</b> PE; Health/Integrated Science; Fine Arts; Foreign Lang x2; SAT Prep/ Critical Thinking; Tech Studies; Computer	<b>Technical Program of Study 8 Credits</b> Concentrated in 1 of 26 Technical Programs of Study	<b>AP Courses Offered:</b> English Language/ English Literature/ Calculus/ Statistics/ American History/ Government/ Psychology/ Biology/ Spanish/ Physics/ Programming

<b>HIGH SCHOOL</b>	<b>FAB 4 - No One Else Does It Better!</b> Each student is provided the opportunity to obtain: a College Ready HS Diploma; Technical Program Completion Certificate w/ Dual Enrollment Quality Points; Industry Credential(s); Articulated Post-Secondary or College Credit								
	9	English I	Algebra I or higher as recommended by Guidance	Biology	Spanish I	PE	Music Appreciation	Health 1/2 credit/Integrated Science 1/2 credit	Computing for College and Careers
	10	English II	Geometry or higher as recommended by Guidance	Chemistry	World History	Spanish II	Technology Studies I	Psychology	Critical Thinking/SAT Prep/Advanced Reading
	11	English III	Algebra II or higher as recommended by Guidance	Physics	American History	DB Fundamentals .05 credit & CCC .05 credit	DB Control & Functions .05 credit & CCC .05 credit	Specialized Database Programming	Database Web Design
	12	English IV	Pre-Calc or higher as recommended by Guidance	Environmental Science	American Government/ Economics	Game and Simulation Foundation	Game and Simulation Design	Game/Simulation Programming	Multi-User/Simulation Programming

**OCPs Obtained Upon Completion of Program:** A= IT Assistant; B= Computer Programmer Assistant; C= JR Programmer; D= JR Programmer 2; E= Computer Programmer

<b>POSTSECONDARY</b>	Career and Technical Education programs are comprised of eight (8) courses and upon successful completion, may lead to industry recognized certificates, licenses, occupational opportunities and/or postsecondary education options. Please review some of the current available opportunities listed below.		
	<b>Partners: Business and Industry</b> Virginia Jansen, Consultant; Nova Southeastern University; Broward Community College; IBM Pervasive Computing; Motorola Inc.	Technical Dual Enrollment Requirements: <i>minimum</i> 2.0 GPA and TABE Exit Scores: R9 M9 L9	<b>Articulation Agreements</b>
	<b>Employment Opportunities</b> IT Assistant; Computer Programmer Assistant; Junior Programmer; Junior Programmer 2; Computer Programmer	<b>Technical Dual Enrollment Courses Opportunities:</b> GSA Foundations, Design, Programming & Multi-User Programming: B082300 E-H	<b>SBBC HIGH SCHOOL to BC:</b> 3-9 Credits towards one of the following: AS Computer Programming and Analysis - Application Programmer Specialization; AS Computer Programming and Analysis - Software Development Specialization <b>DUAL ENROLLMENT / PSAV to BC:</b> 3-15 Credits towards one of the following: AS Computer Programming and Analysis - Application Programmer Specialization; AS Computer Programming and Analysis - Software Development Specialization <b>STATE OF FLORIDA:</b> 15 Credits to AAS or AS Computer Programming & Analysis
	<b>Post-Secondary Career Options</b> Applications, Computer, Computer Software, Operating Systems, Systems Test or Applications Design Engineer; Application Analyst; Operation Research Analyst; Network and Computer Systems Administrator; Computer Systems Analyst; Database Administrator	<b>Industry Credential Opportunities for ATC Students Completing All Program Requirements:</b> National Academy Foundation (NAF) Approved/ Approved Oracle Program Florida Ready to Work/Academy of Database and Programming Essentials/Oracle Certified Associate:9iSQL Programming with PL/SQL/ Sun Certified Associate, Java Platform/AOIT Certificate: NAF Approved/IC3	
<b>CAREER</b>			