


Career Cluster: Manufacturing Secondary CTE Program: Adult 1500 Hours/ 1080 Hours HS **Machining** 8754000/I480503

Academy Pathway: Science, Mathematics and Engineering Technology Eligible Recipient: ATC Students on Target for Graduation

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

FAB 4 - No One Else Does It Better! 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

HIGH SCHOOL	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	Machining I	Machining II	Machining III	Machining IV
	12	English IV	Pre-Calc or higher as recommended by Guidance	Environmental Science	American Government/ Economics	Machining V	Machining VI	Machining VII	Machining VIII

OCPs Obtained Upon Completion of Program: A= Machinist Helper; B= Machine Operator; C= Machine Set-up Operator; D= Machinist

POSTSECONDARY	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.	
	Partners: Business and Industry Stimpson; Hoerbiger Corp. of America, Inc.; ACCUPLACE; SFMA; ABB; Technical Training Aids	Technical Dual Enrollment Requirements: <i>minimum</i> 2.0 GPA and TABE Exit Scores: R9 M9 L8
	Employment Opportunities Machinist Helper; Machine Operator	Articulation Agreements SBBC HIGH SCHOOL to BC: None DUAL ENROLLMENT / PSAV: 27 Credits toward an AS or AAS Degree in Industrial Management Technology at BC STATE OF FLORIDA: MSSC Production Technician Certification earns 15 Credits toward an AAS/AS Degree in Engineering Technology <i>*If high school students return as adults and complete the 1600 hour program, they may receive 27 Credits towards an AS or AAS in Industrial Management Technology at Broward College (BC)</i>
CAREER	Post-Secondary Career Options Machinist; Engineer: Mechanical, Research & Design; Prototype, Structural, Aerospace, Metallurgic, Plastics, Polymer, Textile, Manufacturing; Nanotechnology; Mechatronics, Industrial; Propulsion; Power Systems; Tool and Die; Industrial Maintenance Tech; Millwrights	Industry Credential Opportunities for ATC Students Completing All Program Requirements: Florida Ready to Work/ MSSC Certified Production Technician