


Career Cluster: Architecture and Construction Secondary CTE Program: **1350 Hours** **AC/HVAC Technology** 8723000/I470203

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 English I-IV	MATH 4 Credits Algebra I, II; Geometry; Integrated; Pre-Calculus, Trig; Calculus, Statistics	SCIENCE 4 Credits Biology; Chemistry; Physics; Environmental	SOCIAL STUDIES 4 Credits World History; American History; Psychology; Gov/Economics	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	A/C, Refrigeration & Heating Tech I	A/C, Refrigeration & Heating Tech II	A/C, Refrigeration & Heating Tech III	A/C, Refrigeration & Heating Tech IV
	12	English IV	Pre-Calc or higher as recommended by Guidance	Environmental Science	American Government/ Economics	A/C, Refrigeration & Heating Tech V	A/C, Refrigeration & Heating Tech VI	A/C, Refrigeration & Heating Tech VII	Directed Study/Special Projects

OCPs Obtained Upon Completion of Program: A= Helper; B=Mechanic Assistant; C=Mechanic; D=Technician

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 Centex Construction; Construction Assoc. of South FL Lospiech Co. of FL; James B. Pirtle Construction Co., Inc.; Turner Construction; Infinite Construction Group; Causeway Lumber; Mechanical Contractors Assoc. of South FL	Technical Dual Enrollment Requirements: <i>minimum</i> 2.0 GPA and TABE Exit Scores: R9 M10 L9 Technical Dual Enrollment Courses Opportunities: A/C Refrigeration & Heating Tech V-VII, Directed Study: I470203 E-J	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
	Employment Opportunities A/C, Refrigeration and Heating: Helper, Mechanic Assistant; Mechanic; Technician	Industry Credential Opportunities for ATC Students Completing All Program Requirements: Florida Ready To Work/ HVAC Core: HVAC Levels 1- 4/ EPA Section 608 Certification Types I, II, III/ EPA Section 608 Certification Universal/ OSHA	STATE OF FLORIDA: None
	Post-Secondary Career Options Mechanical Engineer; Electrical Engineer; Environmental Engineer; HVAC Refrigeration Mechanic; General and/or Specialty Contractor; Construction Estimator and/or Inspector; Project Manager, Foreman and/or Supervisor		
CAREER			