

Homestead High School College and Career Pathway Plan

Cluster: Architecture and Construction

Pathway: Construction Trades

Concentration: Heating, Ventilation and Air Conditioning

Core 40 Honors High School Graduation Plan*

*Course sequencing and grade level in which courses are taken may vary according to individual student plan.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Course or Elective	CTE/Career Preparation Course or Elective	CTE/Career Preparation Course or Elective
	9	English 9	Algebra I	Biology	Health & Wellness/ Physical Ed	World Languages	Preparing for College & Careers or Personal Financial Responsibility or Adult Roles	Fine Arts
	10	English 10	Geometry	Core 40 Science	World History and Civilization	World Languages	Construction Systems Construction Processes	
	11	English Lit.	Algebra II	World Languages	US History	Construction Trades I (Anthis)		
	12	Composition English 12 Elective	Pre-Calc/Trig	Chemistry or Physics	Government Economics	Construction Trades II (Anthis)		
State specified Pathway Assessment: Dual credit final exams; HVAC Excellence								
Industry Recognized Certification: HVAC Excellence								

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech Community College

CONT 101 Introduction to Construction (Anthis)
 HVAC 101 Heating Fundamentals
 HVAC 103 Refrigeration
 HVAC 107 Duct Fab/Installation
 HVAC 208 Heating Service
 HVAC 211 Refrigeration