

## Angola High School College and Career Pathway Plan

**Cluster: Architecture and Construction**

**Pathway: Construction Trades**

**Concentration: Heating, Ventilation, and Air Conditioning**

### Core 40 with Honors High School Graduation Plan\*

\*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

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 Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Physical Ed/ World History/Civilization	Preparing for College & Careers	Introduction to Construction	Digital Citizenship	World Language
	10	English 10	Geometry	Chemistry	Health & Wellness	Fundamentals of Engineering		Fine Arts	World Language
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science	US History	** HVAC I		Personal Financial Responsibility	World Language
	12	English 12 or AP Eng Lit	Math or Quantitative Reasoning		Government Economics	** HVAC II		AP or dual credit course	AP or dual credit course
<b>State specified Pathway Assessment:</b> Dual credit final exams; HVAC Excellence									
<b>Industry Recognized Certification:</b> 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

- HVAC 101 Heating Fundamentals
- HVAC 103 Refrigeration
- HVAC 107 Duct Fabrication & Installation