

Angola High School College and Career Pathway Plan

Cluster: Architecture and Construction

Pathway: Construction Trades

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	Construction Systems	Digital Applications & Responsibilities	Spanish I or French I
	10	English 10	Geometry	Chemistry	Health & Wellness	Computers in Design & Production	Intro to 2D Art	Fundamentals of Engineering	Spanish II or French II
	11	English 11	Algebra II	3 rd Core 40 Science	US History	**Construction Technology I		Personal Financial Responsibility	Spanish III or French III
	12	English 12	Math or Quantitative Reasoning	AP Physics 1, Algebra- based	Government Economics	**Construction Technology II		AP or dual credit course	Fine Arts

State Specified Pathway Assessment: Dual credit assessment from Ivy Tech or Vincennes University or Home Builders Institute(HBI) Principles of Construction or Carpentry Basic assessments

Industry Recognized Certification: Home Builders Institute Principles of Construction or Carpentry Basic

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

- BCTI 100 Introduction to Construction (Yr 1)
- BCTI 101 Introduction to Carpentry, Part I (Yr 1)
- BCTI 102 Introduction to Carpentry, Part II (Yr 2)
- BCTI 103 Carpentry, Framing & Finishing, Part I (Yr 2)
- BCTI 104 Carpentry, Framing & Finishing, Part II (Yr 2)