

## Angola High School College and Career Pathway Plan

**Cluster: Architecture and Construction**

**Pathway: Drafting & Design**

**Concentration: Architectural Drafting**

### 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 2D Art	Digital Applications & Responsibilities	Spanish I or French I
	10	English 10	Geometry	Chemistry	Health & Wellness	Computers in Design & Production	Introduction to Housing & Interior Design	Fine Arts	Spanish II or French II
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science	US History	** Computer Aided Drafting I		Personal Financial Responsibility	Spanish III or French III
	12	English 12	Math or Quantitative Reasoning	AP Physics 1, Algebra- based	Government Economics	** Computer Aided Drafting II		AP or dual credit course	AP or dual credit course

**State specified Pathway Assessment:** Dual credit assessment from Ivy Tech or Vincennes University

**Industry Recognized Certification:**

### 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	Vincennes University
<ul style="list-style-type: none"> <li>• DESN 101 Introduction to Design Technology (Yr 1)</li> <li>• DESN 104 Mechanical Graphics (Yr 2)</li> <li>• DESN 105 Architectural Design I (Yr 2)</li> </ul>	<ul style="list-style-type: none"> <li>• DRAF 140 Introduction to CAD (Yr 1)</li> <li>• ARCH 141 Introduction to Architectural CAD (Yr 1)</li> <li>• ARCH 221 Advanced Architect Software (Yr 2)</li> <li>• DRAF 120 Computers for Technology (Yr 2)</li> </ul>