

# Hoosier Hills Career Center Career Pathway Worksheet

**Cluster: Manufacturing**

**Pathway: Engineering/Engineering Technology**

Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_

Sending School: \_\_\_\_\_

Grad Yr: \_\_\_\_\_

AH \_\_\_\_ TH \_\_\_\_ C40 \_\_\_\_ General \_\_\_\_

*Students should register with Career Cruising, 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	<input type="checkbox"/> English 9	<input type="checkbox"/> Algebra I	<input type="checkbox"/> Biology	<input type="checkbox"/> PE <input type="checkbox"/> Health	<input type="checkbox"/> **Intro to Engineering Design		<input type="checkbox"/> Computer Applications <input type="checkbox"/> Or Personal Financial Responsibility	<input type="checkbox"/> World Language
	10	<input type="checkbox"/> English 10	<input type="checkbox"/> Geometry	<input type="checkbox"/> Chemistry	<input type="checkbox"/> Geography/ History of the World <input type="checkbox"/> or World History/Civilization	<input type="checkbox"/> **Principles of Engineering	<input type="checkbox"/> Computers in Design <input type="checkbox"/> Or Computer Integrated Manufacturing		<input type="checkbox"/> World Language
	11	<input type="checkbox"/> English 11	<input type="checkbox"/> Algebra II	<input type="checkbox"/> 3 <sup>rd</sup> Core 40 Science	<input type="checkbox"/> US History	<input type="checkbox"/> **Civil Engineering & Architecture (HHCC)			<input type="checkbox"/> World Language
	12	<input type="checkbox"/> English 12	<input type="checkbox"/> Math <input type="checkbox"/> or Quantitative Reasoning		<input type="checkbox"/> Government <input type="checkbox"/> Economics	<input type="checkbox"/> Engineering Design and Development (HHCC)			<input type="checkbox"/> Fine Arts

**State specified Pathway Assessment:** National ECA

**Industry Recognized Certification :** Autodesk Inventor Certified User, Autodesk Inventor Certified Associate, Autodesk Inventor Certified Professional

**\*\*Required to be considered a completer for this Career Pathway.**

## 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-Bloomington

- ADMF 103 – Graphic Communications for Manufacturing  
OR
- DESN 102 - Technical Graphics
- ADMF 115 Materials & Processes for Manufacturing
- DESN 105 – Architectural Design I