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| **Hoosier Hills Career Center Career Pathway Worksheet** | |
| **Cluster: Architecture and Construction** | **Pathway: Drafting and Design** |
| **Concentration: Mechanical Drafting** | |
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**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.*

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| **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 | * PE * Health | * Preparing for College & Careers |  | * Computer Applications * Or Personal Financial Responsibility | * World Language |
| 10 | * English 10 | * Geometry | * Chemistry | * Geography/   History of the World   * or World History/Civilization | * Computers in Design and Production * Or PLTW-Intro to Eng Design * Or PLTW-Principles of Engineering |  |  | * World Language |
| 11 | * English 11 | * Algebra II | * 3rd Core 40 Science | * US History | * \*\*Mechanical Drafting and Design I http://t3.gstatic.com/images?q=tbn:ANd9GcTSOgbyXb056XjKtdmU68eaZEjFGr5jWeJk95c1eQKRrUGJ5RNi:riverbendmath.org/partners/IvyTech/ivy_tech_logo_only.png (HHCC) | |  | * World Language |
| 12 | * English 12 | * Math * or Quantitative Reasoning |  | * Government * Economics | * \*\*Mechanical Drafting and Design II http://t3.gstatic.com/images?q=tbn:ANd9GcTSOgbyXb056XjKtdmU68eaZEjFGr5jWeJk95c1eQKRrUGJ5RNi:riverbendmath.org/partners/IvyTech/ivy_tech_logo_only.png (HHCC) | |  | * Fine Arts |
| **State specified Pathway Assessment:** Dual credit assessment from Ivy Tech or Vincennes University | | | | | | | | | |
| **Industry Recognized Certification:** | | | | | | | | | |
| **\*\*Required to be considered a completer for this Career Pathway.** | | | | | | | | | |

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| **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** | |
| * + DESN 102, Technical Graphics   + DESN 103, CAD Fundamentals |  |