

# ARCHITECTURAL DRAFTING AND DESIGN



IMAGINE

DREAM

EXPERIENCE

ACHIEVE

- ◆ *Learn how today's superstructures go from idea to reality*
- ◆ *Develop 3D models of your own design*
- ◆ *Create new and inventive structures using the software used by professionals*

Hoosier Hot 50 Job !

## CAREER FOCUS

Prepare for further education and jobs  
in the field of architecture

*Careers in this field are listed in the  
Hoosier Hot 50 jobs!*

[www.wcc.warren.k12.in.us](http://www.wcc.warren.k12.in.us)

### CAREER CLUSTERS



BUSINESS AND  
INFORMATION  
TECHNOLOGY



COMMUNICATION  
AND  
THE ARTS

ENGINEERING  
AND TECHNOLOGY  
EDUCATION



HEALTH AND  
LIFE  
SCIENCES



HUMAN AND  
GOVERNMENT  
SERVICES



## Architectural Design and Drafting I and II

Everything that has been constructed from houses and skyscrapers to bridges and superhighways start off as drawings. This class will cover both engineering and architectural CAS techniques. Students will learn how to take a design sketch and turn it into a technical drawing. In the second year, students design their own house plans and work on industry-related designs.

# Indiana College and Career Pathways

## Career Pathway: Manufacturing and Logistics

Indiana Career Cluster: Engineering

Core 40 High School Graduation Plan

S E C O N D A R Y	YR	English/ Language Arts	Math	Science	Social Studies PE	Courses for Architectural Drafting and Design Pathway		Additional Elective Courses
	9	English 9	Algebra I	Biology	Physical Ed	Preparing for College and Careers/Personal Financial Responsibility	Technology Systems	Core 40 Directed Elective
	10	English 10	Geometry	Core 40 Physical Science	Geography/History of the World or World History/ Civilization	Health/ Core 40 Directed Elective	Computers in Production and Design	Core 40 Directed Elective
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science Course	US History	Architectural Drafting and Design		Core 40 Directed Elective
	12	English 12	Math or Quantitative Reasoning	Core 40 Directed Elective	Government/ Economics	Architectural Drafting and Design		Core 40 Directed Elective

### Postsecondary Plan

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Occupations related to this pathway include: CAD/CAM Operator, Structural Engineer, Architectural Engineer, Architect, Engineering Consultant, Teacher

Career Goal:

Post Secondary Plans: Job \_\_\_\_\_ Apprenticeship \_\_\_\_\_ Military Branch \_\_\_\_\_ College/University \_\_\_\_\_  
(Check which area you plan to enter upon graduation from high school.)

Dual Credit and Certifications: Pending