

# PRECISION MACHINING



IMAGINE

DREAM

EXPERIENCE

ACHIEVE

- ◆ *Design parts and tools that are used in all aspects of life*
- ◆ *Work in a lab setting on real world projects*
- ◆ *Use computer controlled equipment to get your job done*

Dual College Credit Available  
Certification opportunities

## CAREER FOCUS

Prepare for a career by furthering your education or going right to work in fields that are in high demand

[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



## Precision Machining I and II

*Do you enjoy working with your hands? Are you a creative individual? Does the prospect of earning \$40,000 or more a year sound interesting? If you answered yes to all of these questions, you are a perfect candidate for the Precision Machining program. Students learn how to successfully operate industry standard machine tooling including: the lathe, vertical machining center, drill press, bandsaw and surface grinder.*

### Indiana College and Career Pathways

#### Career Pathway: Manufacturing Indiana Career Cluster: Machine Technology 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 Precision Machining 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	Introduction to Advanced Manufacturing & Logistics or Intro to Manufacturing	Core 40 Directed Elective
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science Course	US History	Precision Machining Technology I		Core 40 Directed Elective
	12	English 12	Math or Quantitative Reasoning	Core 40 Directed Elective	Government/ Economics	Precision Machining Technology II		Core 40 Directed Elective

#### Postsecondary Plan

P O S T S E C O N D A R Y	<b>Occupations related to this pathway include: Manual machine Operator, CNC Machine Operator, Tool and Die Maker, Machinist, CAD/CAM Technician, Machine Repairer, Mechanical Engineer, Industrial Engineer, Tool Designer, Manufacturing Engineer, Teacher</b>
	<b>Career Goal:</b>
	<b>Post Secondary Plans:</b> Job _____ Apprenticeship _____ Military Branch _____ College/University _____ (Check which area you plan to enter upon graduation from high school.)
	<b>Dual Credit and Certifications: MSSC MTTC 102 Turning Processes I (3 credits); MTTC 103 Milling Processes I (3 credits) - Ivy Tech Community College</b>