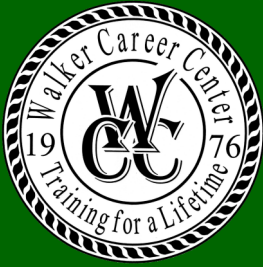


WELDING TECHNOLOGY



IMAGINE

DREAM

EXPERIENCE

ACHIEVE

- ◆ *Hands on learning with projects that prepare you for certifications*
- ◆ *High demand career field with skills you can take anywhere in the world*
- ◆ *Wages increase quickly as you earn certifications and improve your skills*

Dual credit available
Certifications available

CAREER FOCUS

Career opportunities are available immediately in industries around the world.

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

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



Welding Technology

“Welding holds the world together.” From cell phones to skyscrapers and everything in between, a welding process has been involved. Students will learn MIG, TIG, Stick and oxy-acetylene welding. This program will prepare them for one of the many openings in this high demand career.

Indiana College and Career Pathways

Career Pathway: Manufacturing Indiana Career Cluster: Welding 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 Welding 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	Algebra II	Core 40 Physical Science	Geography/History of the World or World History/ Civilization	Health/ Core 40 Directed Elective	Introduction Advanced Manufacturing & Logistics	Core 40 Directed Elective
	11	English 11	Geometry	3 rd Core 40 Science Course	US History	Welding I		Core 40 Directed Elective
	12	English 12	Math or Quantitative Reasoning	Core 40 Directed Elective	Government/ Economics	Welding II		Core 40 Directed Elective

Postsecondary Plan

P O S T S E C O N D A R Y	Occupations related to this pathway include: Welder (MIG, TIG, Stick), Fabricator's Assistant, Welding Apprentice, Supervisor, Certified Welding Inspector, Manufacturing Engineer, Welding Engineer, Weld Shop Manager, Instructor, Business Owner, 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: AWS Sense INDT 114 Introductory Welding (3 credits), WELD 108 Shielded Metal Ar Welding I (3 credits), WELD 206 Shielded Metal Arc Welding II (3 credits), WELD 207 Gas Metal Arc (MIG) Welding (3 Credits); WELD 208 Gas Tungsten (TIG) Welding (3 Credits)