

Manufacturing

Business and Industry Endorsement

Do you...

help fix things around the house?

like to work with your hands?

like to build projects?

pay attention to detail?

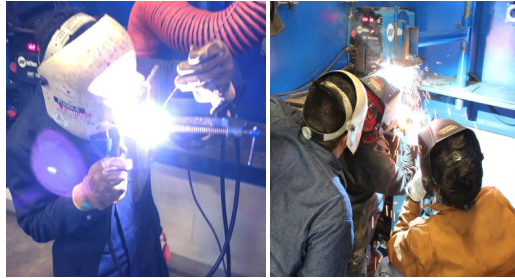
want to go into industry right out of high school?

Then get ready for a career that is made to last in Manufacturing!

Work in the manufacturing industry can lead to all kinds of jobs ranging from an entry level welder to a pipefitter or welding inspector all the way up to a civil or industrial engineer.

Program of Study

Welding



Fastest Growing Careers

Construction Manager
Civil Engineer
Metal Worker
Cost Estimator

Highest Paying Careers

Civil Engineer	\$95,380
Industrial Engineer	\$94,870
Underwater Welder	\$80,000
Welding Technician	\$62,000

Careers To Consider

4 Year College Degree & Higher:

General Foreman
Project Manager
Civil Engineer
Industrial Engineer

2-Year Experience/College Degree:

Supervisor
Welding Inspector
Pipefitter

Certification and HS Diploma:

Pipefitter Assistant
Entry Level Welder
Scaffold Builder
Helper

Career and Technical Education



Program of Study in Pasadena ISD

	Grade 9	Grade 10	Grade 11	Grade 12
Welding (Welding Pathway) CTHS, PMHS, Tegeler	Principles of Manufacturing	Introduction to Welding	Welding I	Practicum in Welding

Please refer to the Pasadena Course Selection and Registration Guide for more information on career pathways, endorsements, course requirements, and certification opportunities offered at each high school campus.

Earn Industry Certifications

NCCER Core Curriculum
NCCER Welding, Level 1
NCCER Welding, Level 2
American Welding Society



Career and Technical Student Organization

SkillsUSA is a partnership of students, teachers, and industry working together to ensure America has a skilled workforce. It teaches the importance of developing leadership skills, positive attitudes and pride in workmanship and prepares students for employment by introducing them to corporate quality culture.



Non-Discrimination Notice



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SCHOOL DISTRICT