

Enroll in Welding Today

Several TUSD high schools offer Welding programs.

Talk with your counselor and CTE teacher to determine what high school courses you need to take. You may earn Pima Community College credits for these courses as well.

Find more information about Welding programs at:

<http://pima.edu>
<http://uofa.edu>
<http://asu.edu>
<http://nau.edu>

Contact your counselor today!

Tucson Unified School District does not discriminate on the basis of race, color, national origin, sex, sexual orientation, age, religion, or disability in admission or access to, or treatment or employment in, its education programs or activities.



Career and Technical Education

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Welding

Career and Technical Education



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TUSD'S Welding Program

Welding is designed to provide students with a basic understanding of welding and metal fabrication procedures. Skill development includes layout and measurement techniques, equipment operation and safety management. Students apply these skills in constructing a variety of projects. In addition to technical skills, students also develop advanced critical thinking, career development, applied academic, life management, business, economic and leadership skills required for entry into Welding occupations. Advanced students learn tool and equipment maintenance, prototype development and evaluation, industrial management strategies and employability skills. To enhance problem solving and critical thinking skills, students have the opportunity to build a more advanced project utilizing blueprints. Completion of a career plan as well as a competency certificate may lead to employment or college entrance.



Almost every manufacturing industry uses welding.

Students who complete Welding earn articulated Pima Community College credit.

Welding's Student Organization

SkillsUSA is a national organization serving high school students enrolled in training programs in technical, skilled, and service occupations. This organization prepares America's high performance workers by providing quality education experiences for students in leadership, teamwork, citizenship and character development. It builds and reinforces self-confidence, work attitudes and communication



Official SkillsUSA logo

skills. It also emphasizes total quality at work, high ethical standards, superior work skills, life-long education and pride in the dignity of work. SkillsUSA also promotes understanding of the free enterprise system and involvement in community service activities. Programs include local, state and national competitions in which students demonstrate occupational and leadership skills. SkillsUSA programs also help to establish industry standards for job skill training in the classroom. Visit the website at www.skillsusa.org.

Career Opportunities in Welding

Job prospects are excellent for welders with the right skills. Because almost every manufacturing industry uses welding at some stage of manufacturing or in the repair and maintenance of equipment, a strong economy will keep demand for welders high.

Mechanical Engineer
Structural Engineer
Welder
Cutter
Welding Machine Operator
Machinist
Machine-tool Operator
Tool and Dye Maker
Millwright
Sheet Metal Worker
Boilermaker
Iron Worker
Metal Sculptor
Precision Assembler

Career and Technical Education

Source: *Occupational Outlook Handbook*, ONET, <http://stats.bls.gov/oco/home.htm>, Bureau of Labor Statistics, U.S. Department of Labor.