

Opportunities for men and women

According to the U.S. Bureau of Labor, skilled welders can expect excellent job opportunities as employers continue to fill available positions. With a good background in mathematics and the science behind welding, PSC graduates are highly desirable to modern businesses.

Salary Range: \$23,500-\$43,500

For more information

Contact Associate Professor Thomas Michalak, coordinator of welding, at (708) 709-7807, or e-mail at tmichalak@prairiestate.edu

Information (708) 709-3500
Enrollment Services (708) 709-3516
Counseling and Academic Advising (708) 709-3506

PSC tech programs

Check out our other Industrial Technology programs:

- Automotive Technology
- CAD/Mechanical Design Technology
- Heating, Ventilation and Air Conditioning/Refrigeration (HVAC/R)
- Hydraulics
- Industrial Electrician
- Industrial Maintenance Technician
- Machinist
- Manufacturing Technology
- Millwright
- Tool & Die Making

Start near.
Go far.

What does PSC offer you?

• LOW TUITION

PSC is affordable with costs less than half the average of public (state) universities in Illinois, and about one-tenth the average cost of private colleges and universities in Illinois.

• TRANSFER DEGREES

Start at PSC with an Associate in Arts, Associate in Science, Associate in Fine Arts or Associate of Arts in Teaching in one of a variety of academic disciplines, and transfer to a four-year institution as a junior. Save on tuition and make a smooth transition to college life.

• TWO-YEAR CAREER DEGREES AND CERTIFICATES

PSC offers the Associate in Applied Science degree and certificates in programs such as auto tech, computer science, health professions and others. Boost earnings and career potential with a two year degree or certificate.

• STUDENT SERVICES AND ACTIVITIES

PSC offers academic advising, student clubs and activities, intercollegiate and intramural athletics, tutoring, service projects, music ensembles, and more.

• TOP-NOTCH TEACHING

PSC has faculty members dedicated to teaching freshman and sophomores and focused on helping students learn with small class sizes and individual attention.

Welding

*Join
a
strong
program.*



Prairie State College

A comprehensive community college
202 South Halsted Street
Chicago Heights, IL 60411-8226
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 Prairie State College



Classes

Fully equipped classrooms and labs provide a hands-on environment for the practical, high-tech training employers look for in potential employees. A complete welding lab features 20 arc and 20 oxygen/acetylene welding and cutting stations, and other metal machining tools. Classes are conveniently scheduled with evening courses available.

Certificate: Welder Technician

The welding program prepares students to perform various manufacturing, repair and maintenance tasks. The training also teaches students to custom-build devices by working from machine drawings and specifications.

I. Program Requirements

- Principles of Flat Welding 2
- Horizontal Welding and Brazing 2
- Metal Inert and Verticle Welding 2
- Tungsten Inert and Overhead Welding 2
- AWS Structural Certification 2
- Drafting Essentials 2
- Drafting Conventions and Symbols 2
- Three Dimensional Shapes 2
- Basic Mathematics for the Skilled Trades 2
- Algebra for the Skilled Trades 2
- Geometry for the Skilled Trades 2
- Applied Trigonometry for the Skilled Trades 2
- Physics Mechanics 2

II. Technical Electives

- select from the following:*
- Structural Drawing 2
 - Fundamentals of Hydraulics 2
 - Plumbing and Pipefitting Heating 2
 - Pipe and Pressure Vessel Certification 2
 - Metal Working Processes I 3
 - Advanced Gas Metal Arc Welding 2
 - Advanced Gas Tungsten Arc Welding 2

Total Credit Hours 34

Certificate: Welding Specialist

This program is designed to concentrate on welding skills using processes that are most widely employed in business and industry. The welding proficiency and knowledge gained in this program supplement most skilled construction trades.

Program Requirements

- Basic Mathematics for the Skilled Trades 2
- Drafting Essentials 2
- Principles of Flat Welding 2
- Horizontal Welding and Brazing 2
- Metal Inert and Verticle Welding 2
- Tungsten Inert and Overhead Welding 2
- AWS Structural Certification 2
- Pipe and Pressure Vessel Certification 2
- Advanced Gas Metal Arc Welding 2
- Advanced Gas Tungsten Arc Welding 2

Total Credit Hours 20

Welding today

Automotive manufacturing, construction, aerospace, and countless other industries count on skilled welders to build and repair the machines, products and structures that keep the U.S. economy running. Trained welders have valuable crossover skills, making them an integral part of any business that relies on having on-site welding capabilities.

At PSC, you'll not only train to become proficient with the tools and techniques of all phases of welding, you'll also get a thorough background in the materials and mechanics of welding. In addition, you'll be preparing to obtain certification by the American Welding Society.

Faculty

PSC professors have advanced professional experience that comes from many years of working in the field. They are masters in their subject matter and bring considerable practical experience to the classroom.

