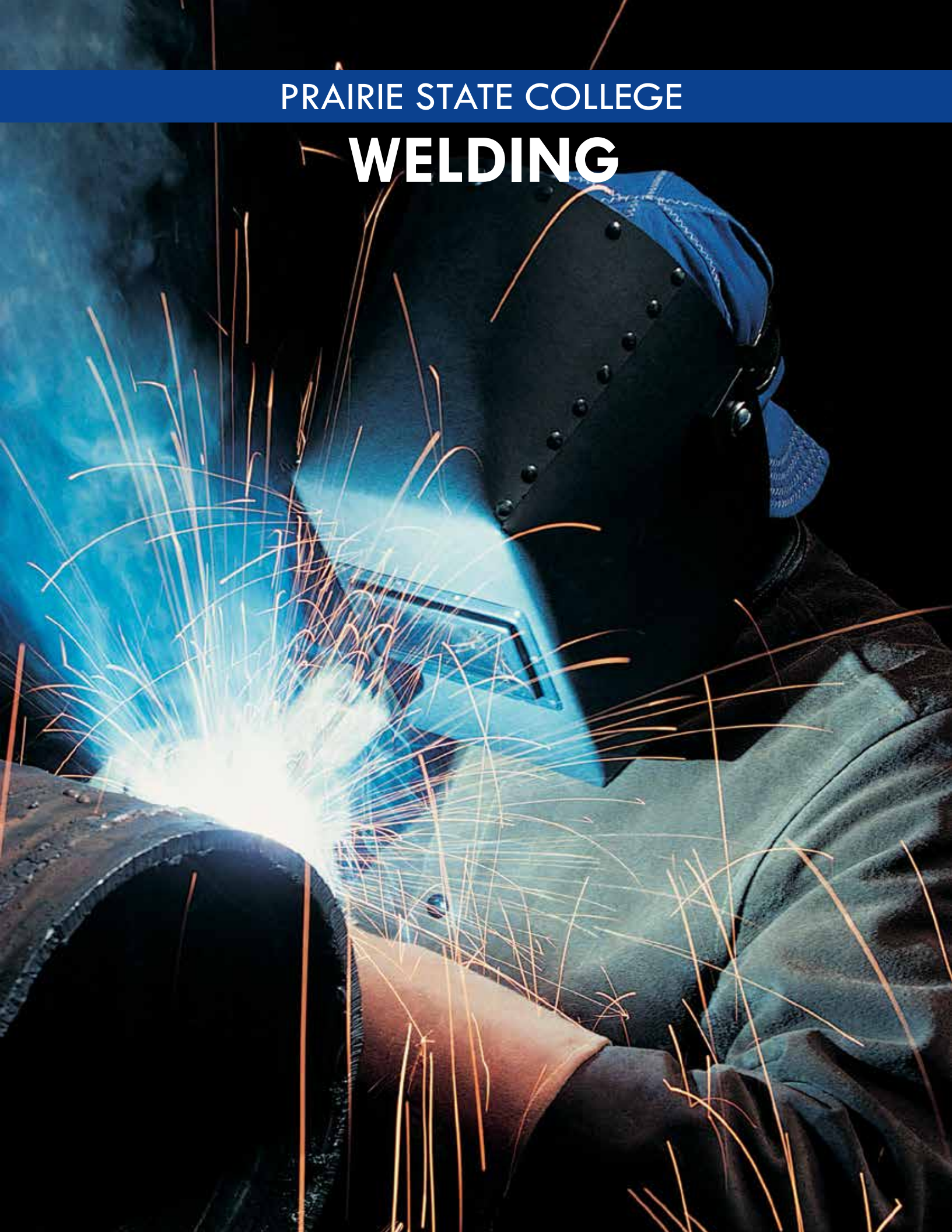


PRAIRIE STATE COLLEGE

WELDING





WELDING AT PRAIRIE STATE COLLEGE

Welders have valuable crossover skills, making them an integral part of any business that relies on having on-site welding capabilities. Prairie State College (PSC) provides training to become proficient with the tools and techniques of all phases of welding. Classes are conveniently scheduled with evening courses available.

CERTIFICATES

Welder Technician
Welding Specialist

Welder Technician

Certificate

The curriculum prepares students to perform various welding jobs for maintenance manufacturing machines. The training also prepares students to custom build devices by working from machine drawings and specifications.

Program Requirements

26

AMATH 100	Basic Mathematics for the Skilled Trades	2
AMATH 101	Algebra for the Skilled Trades	2
AMATH 103	Geometry for the Skilled Trades	2
AMATH 106	Applied Trigonometry for the Skilled Trades	2
DRAFT 101	Drafting Essentials	2
DRAFT 102	Drafting Conventions & Symbols	2
DRAFT 103	Three Dimensional Shapes	2
MT 220	Metallurgy - Ferrous	2
WELD 101	Principles of Flat Welding	2
WELD 102	Horizontal Welding and Brazing	2
WELD 103	Metal Inert and Vertical Welding	2
WELD 104	Tungsten Inert and Overhead Welding	2
WELD 105	A.W.S. Structural Certification	2

Select 8 credits from the following courses:

8

APHYS 100	Applied Physics 2	
HYDR 101	Fundamentals of Hydraulics	2
MT 101	Metal Working Processes I	3
MT 221	Metallurgy – Nonferrous	2
PLUMB 103	Plumbing and Pipefitting Heating	2
WELD 106	Pipe and Pressure Vessel Certification	2
WELD 201	Advanced Gas Metal Arc Welding	2
WELD 202	Advanced Gas Tungsten Arc Welding	2

Program Total

34 credits

ABOUT THE CURRICULUM

Welding Specialist

Certificate

This certificate program is designed to concentrate on welding skills utilizing 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

AMATH 100	Basic Mathematics for the Skilled Trades	2
DRAFT 101	Drafting Essentials	2
WELD 101	Principles of Flat Welding	2
WELD 102	Horizontal Welding and Brazing	2
WELD 103	Metal Inert and Vertical Welding	2
WELD 104	Tungsten Inert and Overhead Welding	2
WELD 105	A.W.S. Structural Certification	2
WELD 106	Pipe and Pressure Vessel Certification	2
WELD 201	Advanced Gas Metal Arc Welding	2
WELD 202	Advanced Gas Tungsten Arc Welding	2

Program Total

20 credits

The welding program prepares students to perform various manufacturing, repair, and maintenance tasks. PSC's welding lab features 20 arc and 20 oxygen/acetylene welding and cutting stations, and other metal machining tools.

Students learn to custom build devices by working from machine drawings and specifications. There are two different certificates offered. The welding specialist certificate is designed to concentrate on welding skills using processes that are most widely employed in business and industry, while the welding technician certificate teaches students to custom-build devices by working from machine drawings and specifications.

ADMISSIONS

PSC offers "open admission" that encourages diversity and admits all high school graduates or the equivalent.

Here's how to start your college career at PSC:

- Provide a high school diploma or GED.
- Take the COMPASS Placement Test or submit a copy of ACT scores.
- Meet with an advisor from Counseling and Advising to select courses. For questions, contact an academic advisor at (708) 709-3506.





CAREER OPPORTUNITIES

According to the U.S. Bureau of Labor Statistics, job prospects for welders will vary with the welder's skill level. Opportunities may improve for welders trained in the latest technologies. However, welders without up-to-date training may face competition for job openings. Welders can expect to make about \$16 per hour.

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Financial Aid Information

PSC's tuition is affordable, and financial aid is available through a variety of sources.

How to Apply

1. Complete the Free Application for Federal Student Aid (FAFSA)

The school code for PSC is 001640. Apply online at fafsa.gov.

2. Notification from Department of Education

If you listed PSC's school code in your FAFSA, the college's Financial Aid Office will receive your report in approximately 14 days.

3. Notification from PSC

Once PSC receives your FAFSA from the Department of Education, a letter is mailed to the student indicating needed documents.

4. Complete the PSC financial aid application.

5. Determination Letter

Once all documents are completed, an award or ineligible letter is issued.

PSC Financial Aid Opportunities:

- PSC Board of Trustees Scholarships cover tuition and fees for two years.
- The PSC Foundation awards more than \$75,000 in scholarships annually.

For more information about how to obtain financial aid, visit prairiestate.edu/finaid, call (708) 709-3735, or email financial-aid@prairiestate.edu.

Gainful Employment Disclosure

The U.S. Department of Education requires colleges with financial aid eligible programs that "prepares students for gainful employment in a recognized occupation" to disclose certain information about these programs. For more information about our graduation rates, the median debt of students who have completed the program, and other important information related to the program, please visit our website at prairiestate.edu/ge. We hope that this information is helpful in making informed choices about your education.

Find out more today by contacting

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