

PRAIRIE STATE COLLEGE

STEELWORKER FOR THE FUTURE® PROGRAM

Find out how you can
be part of the world's
leading steel and mining
company.



Prairie
State
College



ArcelorMittal

DID YOU KNOW ?

Steelworker for the Future® graduates have the opportunity to work for the world's leading steel company where, on average, an hourly steelworker earns an annual income of approximately \$90,000 plus benefits.



DEGREES AND CERTIFICATES AT PRAIRIE STATE COLLEGE

ASSOCIATE IN APPLIED SCIENCE (A.A.S.)

Industrial Electrician

CERTIFICATE OF ACHIEVEMENT

Industrial Electrician

Industrial Maintenance Technician

Maintenance Technicians in Demand – Industrial Athletes Wanted

This is not your parent's steel mill anymore. Erase any preconceived notions you have about the steel industry and find out about today's Steelworker for the Future®. Today's steel industry operates at the cutting edge of material science:

- Transforming unique chemistry grades utilizing thermal and mechanical fine-tuning techniques; and
- Producing advanced steel products for automobiles, appliances, pipelines, trains, ships, construction equipment, bridges, skyscrapers, wind towers reactors, and even stadiums.

With a presence in more than 60 countries, ArcelorMittal is the world's leading steel and mining company and the leader in all major global markets, including appliances, automotive, construction, and packaging.

ArcelorMittal initiated Steelworker for the Future®, a 2.5 year associate degree program in partnership with Prairie State College (PSC) to prepare industrial technology students for the fascinating world of steelmaking through classroom learning and hands-on training. The benefits of this innovative program include:

- The chance to apply for a paid internship, gaining valuable experience while offsetting tuition costs;
- The opportunity to become a part of a highly skilled, well-paid, tech-savvy, and in-demand workforce; and
- Learning how to install, maintain, and repair sophisticated equipment in order to satisfy customers' needs.

Student opportunities include:

- The chance to be hired as maintenance technicians upon completion of their degree program;
- The opportunity to work with high tech computer equipment;
- Learning how to maintain state-of-the-art steel manufacturing equipment;
- Using classroom knowledge on troubleshooting, print reading, large equipment alignment, gearing, lubrication, hydraulic systems, motors, sensors, and control modules; and
- The opportunity for a long and satisfactory career in the steel industry.

Industrial Electrician

A.A.S. Degree

The industrial electrician degree program prepares students for work as electricians in industrial, commercial, and residential settings.

I. General Education Core 19-21 credits

Area A: Communication 6

ENG 101	Composition I - with a grade of C or better.	3
COMM 101	Principles of Communication	3

Area B: Humanities and Fine Arts 3

Select one course from Area B

Area C: Mathematics 3-4

Minimum of 3 credit hours in mathematics required.

Options are to take **both**:

AMATH 100	Basic Mathematics for the Skilled Trades	2
and		
AMATH 101	Algebra for the Skilled Trades	2

or choose from one of the following courses:

IT 106	Mathematics for Computers	3
MATH 151	College Algebra	4
TECH 109	Technical Mathematics I	4

Area D: Physical and Life Sciences 4-5

Select one course from:

CHEM 105	Survey of General Chemistry	4
CHEM 110	General Chemistry I	5
PHYS 111	Physical Science	4
PHYS 101	Conceptual Physics	4
PHYS 120	College Physics I	4
PHYS 210	University Physics I	4

Area E: Social and Behavioral Science 3

Select one course from Area E

II. Program Requirements 39 credits

ELECT 159	Electric Wiring I	2
ELECT 101	Fundamentals of Electricity I	2
ELECT 102	Fundamentals of Electricity II	2
ELECT 103	Alternating Current	2
ELECT 105	Power, Transformers, Polyphase Circuits	2
ELECT 106	DC Motors and Generators	2
ELECT 107	AC Motors and Generators	2
ELECT 108	Electrical Control for Machines I	2
ELECT 109	Electrical Control for Machines II	2
ELECT 111	Electronic Principles I	2
ELECT 112	Electronic Principles II	2
ELECT 113	Blueprint Reading for Electricians	2
ELECT 114	National Electrical Code	2
ELECT 120	Electrical Safety	2
ELECT 203	Industrial Electronics I	2
ELECT 204	Industrial Electronics II	2
ELECT 208	Programmable Logic Controllers I	2
ELECT 209	Programmable Logic Controllers II	2
ELECT 298	Electrical Seminar	1
ELECT 299	Electrical Internship	2

III. Electives 8 credits

Select 8 credits from:

ELECT 141	Conduit Bending - Thinwall	2
ELECT 150	Preventive Maintenance - Electrical	2
ELECT 160	Electrical Wiring II	2
ELECT 201	Digital Fundamentals I	2
ELECT 202	Digital Fundamentals II	2
ELECT 206	Instrumentation Fundamentals I	2
ELECT 207	Instrumentation Fundamentals II	2
ELECT 230	Alternative Small Energy Systems	2
ELECT 290	Special Topics in Electricity	3
PHYS 130	College Physics II	4

Program Total 66-68 credits

Industrial electrician students who have taken 15 credit hours within the core curriculum must meet the following criteria to qualify for the Steelworker for the Future® program:

- Candidate must submit the Steelworker for the Future® application to the program.
- Candidate must have a minimum overall 2.8 GPA.
- Candidate must pass a drug screen.



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.



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Financial Aid Information

PSC’s tuition is affordable, and financial aid is available through a variety of sources. Additional information is online at prairiestate.edu/finaid.

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, call (708) 709-3562 or email Grace McGinnis at gmcginnis@prairiestate.edu.

Gainful Employment Disclosure

Visit prairiestate.edu/ge for important information about our gainful employment programs.

Find out more today by contacting

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