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

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.
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
PHYSI 111 Physics A 4
PHYSI 120 College Physics I 4
PHYSI 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
PHYSI 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.
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.

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**Find out more today by contacting**

**Patricia Zuccarello**

Interim Dean, Health and Industrial Technology
(708) 709-3648
pzuccarello@prairiestate.edu

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steelworkerforthefuture.com
arcelormittal.com