

Opportunities for men and women

The U.S. Bureau of Labor projects the growth in demand for industrial electricians will outpace the supply, meaning industrial electricians will enjoy more opportunities, greater salaries and better benefits in the workplace. What's more, as the population and economy continues to expand, so will the need for workers trained to install and maintain electrical systems.

Advances in technology also have made electricians more valuable. With computer and telecommunication systems becoming standard workplace equipment and factories becoming more automated, the need for electricians to service and install these systems is greater than ever.

Other PSC tech programs

Check out these other Industrial Technology programs, also available at Prairie State:

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

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

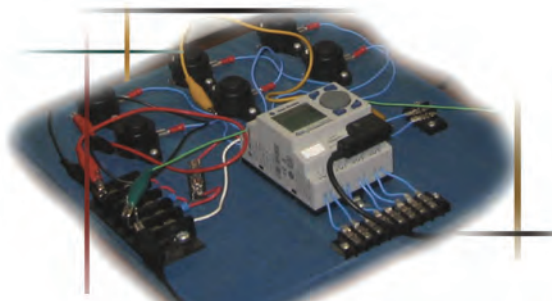
PSC has faculty members dedicated to teaching freshman and sophomores and focused on helping students learn with small class sizes and individual attention.

Prairie State College

A comprehensive community college
202 South Halsted Street
Chicago Heights, IL 60411-8226
(708) 709-3500 • prairiestate.edu

Industrial Electricity

*Wire
into
a
great
future.*





Preparation

We live in a wired world, and the proliferation of electrical systems—from computer and telecommunication networks to industrial robotics—has super-charged the need for skillful electricians. PSC is meeting those needs with training that encompasses electronics as well as electrician skills. We offer both an Industrial Electrician A.A.S. degree and a certificate, preparing you for a job in one of the highest-paying and most in-demand technical fields.

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.

Classes

Our fully equipped classrooms provide a hands-on environment for the practical, high-tech training employers look for in potential employees. Also, classes are conveniently scheduled with evening courses available.

The program: A.A.S. degree

The Industrial Electrician degree program prepares students for work as electricians in industry and meets the demands of changing technology with training that teaches electronics as well as electrician skills. Basic electrical repair and installation skills are supplemented by exposure to the principles and applications of electrical control systems, electronics, conduit bending and threading, blueprint reading, Allen-Bradley programmable controllers, and the National Electrical Code.

I. Program Requirements

- Electrical Wiring I 2
- Fundamentals of Electricity I 2
- Fundamentals of Electricity II 2
- Alternating Current 2
- Power, Transformers, Polyphase Circuits 2
- D.C. Motors and Generators 2
- A.C. Motors and Generators 2
- Electrical Control for Machines I 2
- Electrical Control for Machines II 2
- Electronic Principles I 2
- Electronic Principles II 2
- Blueprint Reading for Electricians 2
- National Electrical Code 2
- Industrial Electronics I 2
- Industrial Electronics II 2
- Programmable Logic Controllers I 2
- Programmable Logic Controllers II 2
- Electrical Seminar 1
- Electrical Internship 2

II. Electives 10

III. General Ed. Requirements 17-18

Total credit hours 64-65

Career certification

Prairie State also offers a certificate for Industrial Electricians. The 35-credit program gives students the skills necessary to troubleshoot and maintain electrical devices used in a manufacturing industry, install electrical machines and wiring, and wire electrical panels.

Apprenticeship experience

Additionally, our A.A.S. program has been approved by the United States Bureau of Apprenticeship Training. That means that getting your degree at PSC can help you meet the educational component to qualify for a journeyman's card if you're already employed in the field.

For more information

Contact Counseling and Academic Advising at (708) 709-3506.

Information	(708) 709-3500
Enrollment Services	(708) 709-3516
Advising Center	(708) 709-3506



Start near.
Go far.