

STEELWORKER FOR THE FUTURE PROGRAM

at Prairie State College

INDUSTRIAL ELECTRICIAN A.A.S.

Steelworker for the Future Program requirements:

- You must be enrolled in the A.A.S. Industrial Electrician Program.
- You must be physically able to climb 100 feet.

Prior to the start of the internship, you must:

- Complete 15 credit hours. This includes electrical courses, general education courses, and transferred courses.
- Pass a drug test.
- Pass a background check.
- Have valid driver's license.
- Have a minimum overall 2.8 GPA.

If you do not meet the requirements at this time, there will be future internship opportunities during the fall, spring, and summer semesters. You will be able to reapply.

Recommended schedule of courses for full-time student:

Semester 1		Credits
COL 101	First Year Seminar	1
COL 102	Career Development Seminar	1
ELECT 101	Fundamentals of Electricity I	2
ELECT 102	Fundamentals of Electricity II	2
ELECT 103	Alternating Current	2
ELECT 120	Electrical Safety	2
ENG 101	Composition I	3
Area C: Mathematics Elective		3-4
		Total Credits: 16-17

Summer 1		Credits
Internship with ArcelorMittal		
ELECT 298	Electrical Seminar	1
ELECT 299	Electrical Internship	2
		Total Credits: 3

Semester 2		Credits
ELECT 105	Power, Transformers, Polyphase Circuits	2
ELECT 106	DC Motors and Generators	2
ELECT 107	AC Motors and Generators	2
ELECT 113	Print Reading for Electricians	2
ELECT 114	National Electrical Code (online only)	2
COMM 101	Principles of Communication	3
Area D: Physical and Life Science Elective		4-5
		Total Credits: 17-18

Semester 3		Credits
ELECT 159	Electrical Wiring I	2
ELECT 111	Electronic Principles I	2
ELECT 112	Electronic Principles II	2
ELECT 206	Instrumentation Fundamentals I *	2
ELECT 207	Instrumentation Fundamentals II *	2
Area E: Social and Behavioral Science Elective		3
Area B: Humanities and Fine Arts Elective		3
		Total Credits: 16

Summer 2		Credits
Internship with ArcelorMittal		
ELECT 298	Electrical Seminar (if required)	1
ELECT 299	Electrical Internship (if required)	2
		Total: 3

Semester 4		Credits
ELECT 108	Electrical Control for Machines I *	2
ELECT 109	Electrical Control for Machines II *	2
ELECT 141	Conduit Bending	2
ELECT 150	Preventative Maintenance *	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
		Total Credits: 16

* **Please note:** Some courses are only offered during certain semesters. It is important to be aware of course offering dates. For more information, contact Industrial Electricity Program Coordinator Ms. Georgia Karras, P.E. at (708) 709-3598 or gakarras@prairiestate.edu.

If you would like more information on enrolling at PSC, please contact Mr. Deneen Brackett at (708) 709-3741 or dbrackett@prairiestate.edu.

