

Industrial Electrician

Degree Type

Certificate

INDUSTRIAL ELECTRICIAN CERTIFICATE 16 SEMESTER HOURS

The Industrial Electrician Certificate is designed to enhance the Basic Electrician Certificate. This includes programmable logic controller (PLC) theory; motor and motor controls theory and power generation and delivery theory. Completion of this certificate prepares the student to be an entry-level industrial electrician, automation technician, or power company employee.

Summer

Course Number	Title	Credits
EEM-230	Digital Electronics	4
EEM-251	Programmable Controllers	3

[EET-145](#), [EET-140*](#), or [EET-143](#) may be taken in place of [EEM-230](#).

Fall

Course Number	Title	Credits
EEM-145	Control Circuits	3
EEM-215	DC/AC Machines	3
EEM-140	National Electrical Code	3
Total Credits		16