

# Industrial Electrician Certificate

**Take a four month shortcut—get on the Fast Track!**  
**Electrify your earnings potential in just 12 weeks.**

Given that virtually every plant runs on electricity, this is a field with plenty of opportunity. In just 12 weeks, you can be ready for Year Two of the Industrial Electrician Trade, leading to an exciting apprenticeship that leads to your Electrician's license. You'll save 4 months off the traditional route.

#### Who Should Attend

Anyone who wishes to upgrade skills in pursuit of a career as an industrial electrician..

#### What You Will Learn

- Much more than theory, this course is 70% hands-on. You will work in a workshop environment, with lectures, group discussion, and individual and group projects.
- A strong understanding of electrical, electronic and process control.
- A systematic approach to troubleshooting and problem solving.
- Proper tool use.
- Adapting to changing technology
- Possibly save an additional 8 weeks, by writing the MTCU Level 1 Electrical Exemption Test.

#### MTCU LEVEL 1 ELECTRICAL EXEMPTION TEST

If you decide to take the MTCU Level 1 Electrical Exemption Test, a grade of 70% or more will exempt you from the First 8 weeks of required in-school apprenticeship classes.

#### Course Content

- Phase 1 – Basic Electrical Theory and Control
- Phase 2 – Electrical Machines and Controls
- Phase 3 – Automatic System Control (AC and DC Drives)
- Phase 4 – PLC Control Systems Application (Basic, Intermediate and Advanced)
- Phase 5 – ControlLogix

#### Prerequisite

None

#### Your Facilitator

Loyalist staff

#### Duration

12 weeks: 420 hours @ 7 hours per day  
Start date: May 2, 2011

#### Investment

\$9,500.00 + HST – includes: classroom instruction, tools, equipment, consumable materials, textbooks, handouts, and MTCU Level 1 Electrical Exemption Test.

IMPORTANT: Assistance may be available for you. Register early and ask.

CONTACT: Mike McDermott

(613)969-1913 ext 2273

mmcdermo@loyalistc.on.ca



**Skills that WORK.**

**Loyalist**  
Training & Knowledge Centre