Electrical Courses Winter 2014

@ The School of Trades and Technology

Get the electrical skills needed to advance your career

Thompson Rivers University
School of Trades & Technology

Contacts

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The School of Trades and Technology offers exceptional electrical courses and programs, provides an excellent learning environment and the advanced knowledge required for the electrical trade.

Application of Electrical Code FSR Course – 2012 Code (XELC 0630)
January 28 to March 20, 2014 Tuesday and Thursday evenings 6:00 – 9:00 pm
$645 (texts & exam extra) (48 hrs)

Also now available on-line

This course is designed for qualified electricians who may want to write the Safety Authority provincial exam to attain their Field Safety Representative status / Contractors License (A, B, C ticket). Those wanting a code refresher or who do not meet the prerequisites and do not plan to write the exam may also enroll.

Required Texts: 2012 Canadian Electrical Code Book
(*Please purchase the 2012 Canadian Electrical Code Book prior to the start of the course. They are available at local electrical wholesalers, TRU bookstore, retail bookstores or through CSA.)*

Required Course Materials:

- Safety Standards Act
- Safety Standards General Regulation
- Electrical Safety Regulation
- Errata to the 2012 Canadian Electrical Code Book
- BC Safety Authority Electrical Fee Schedule
- BC Safety Authority Information Bulletins
- BC Safety Authority Electrical Directives

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Registration

Phone: (250) 828-5041

In Person: Registrar's Office
Old Main Building,
Mon - Fri. 9:00 am – 4:00 pm

On-line:
www.tru.ca/trades/constudies.html

Programmable Logic Controllers (PLC) – Level 1 (XELC 0670)
February 28 – March 15, 2014 Fri 6:30-9:30 pm, Sat 8:00 am – 3:30 pm $625 (30 hrs)
This course is designed to introduce electricians, as well as those who are familiar with conventional motor control theory, to the basic operating principles and various field applications of Programmable Logic Controllers. The course will be based on Allen Bradley systems but may also include GE and Modicon brands.

Programmable Logic Controllers (PLC) – Level 2 (XELC 0770)
April 25 – May 17, 2014 Fri 6:30-9:30 pm, Sat 8:00 am – 3:30 pm $825 (40 hrs)
This course is designed to take the student beyond the basic level of PLC programming and installation. It will expand on the PLC architecture, analogue I/O as well as PLC to PLC communication via Ethernet. More advanced instructions are incorporated in laboratory experiments. These include math, program control and data manipulation as well as others. An introduction to Human Machine Interfacing (HMI) to the PLC will be given. The student will be completing a number of labs involving the course theory covered.

Industrial Electrician "Red-Seal" Exam Preparation Course (XELC 0790)
On-Line Delivery $895
This course is designed to assist industrial electricians wishing to challenge the "Red Seal" exam. In order to attempt the exam, written proof of 9000 hours of direct experience in the trade is required. Before registering for this course, please contact the Industry Training Authority at 1 (866) 660-6011 to confirm your eligibility

Construction Electrician "Red-Seal" Exam Preparation Course (XELC)
On-Line Delivery $895
This course is designed to assist construction electricians wishing to challenge the "Red Seal" exam. In order to attempt the exam, written proof of 9000 hours of direct experience in the trade is required. Before registering for this course, please contact the Industry Training Authority at 1 (866) 660-6011 to confirm your eligibility.

We are experienced in bringing industry relevant, cost effective and innovative training to the job site with our state of the art mobile training lab or at TRU using our modern classrooms shops and labs. Call us for more information at (250) 371-5658.