



PROGRAM DESCRIPTION

- Get practical, hands-on skills in a supportive learning environment that nurtures one-on-one relationship with instructors
- The first year provides a working understanding of electricity and electronics, as well as the fundamental skills needed for success in electrical automation and construction
- Develop skills in electrical installation, motor control and the basics of industrial processes – including Programmable Logic Controllers (PLCs), fluid power and process control
- Students develop a solid foundation in the application of the Ontario Electrical Safety Code
- A second year of study delivers skills required in installing, configuring, maintaining, servicing and calibrating industrial systems, including industrial robotic and production systems
- Courses in technical math and communication fundamentals ensure that graduates have the practical knowledge to succeed

APPROXIMATE COSTS (2013-2014)

Domestic Tuition/Ancillary Fees: \$3,659 (two semesters)

Consumables Fee: \$375 (Year One)

Books and Supplies: \$1,500

ADMISSION REQUIREMENTS

Required Academic Preparation

- OSSD/OSSGD or equivalent with courses at the general, advanced, (C), (U) or (M) level, and
- Grade 12 English (C) level or equivalent, and
- Math – Grade 11 minimum, Grade 12 preferred (must be able to do basic algebra)

OR

- Mature applicant (see loyalistcollege.com)

Recommended Academic Preparation

- Math MCT 4C

DIPLOMA TO DEGREE OPTIONS

Earn credit recognition at these institutions, or contact your university of choice to make individual arrangements. New agreements are added annually; visit loyalistcollege.com for the latest details.

Algoma University College

Davenport University

Griffith University

Laurentian University

University of Ontario Institute of Technology

LOYALIST

LOYALIST COLLEGE

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P.O. Box 4200
Belleville, Ontario
K8N 5B9

Phone: (613) 969-1913

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Toll Free: 1-888-569-2547

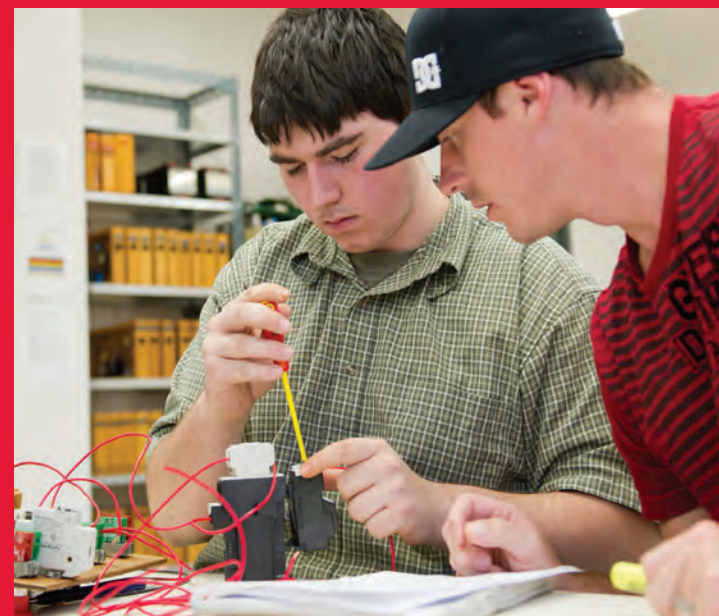
TTY: 613-962-0633

loyalistcollege.com

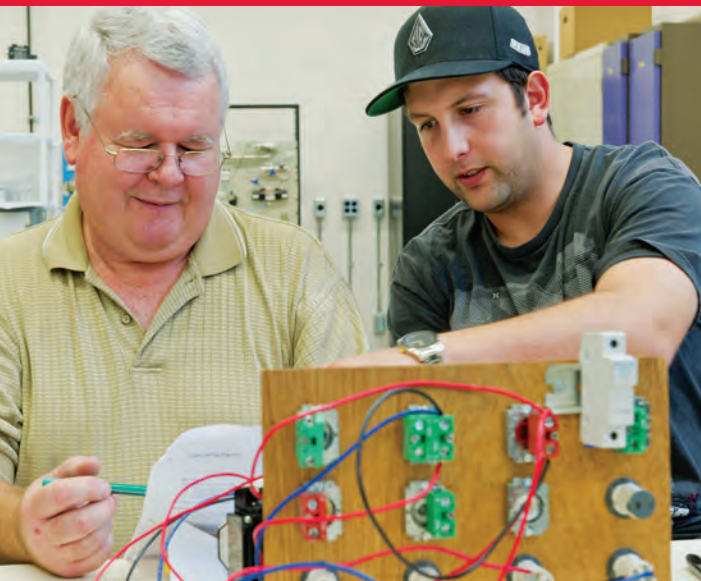


ELTP/ELTT

ELECTRICAL TECHNIQUES – AUTOMATION
ELECTRICAL TECHNICIAN – AUTOMATION



ELECTRICAL TECHNIQUES/TECHNICIAN



Contact: eltp@loyalistic.on.ca

PROGRAM LENGTH

One-Year Ontario College Certificate (Techniques)

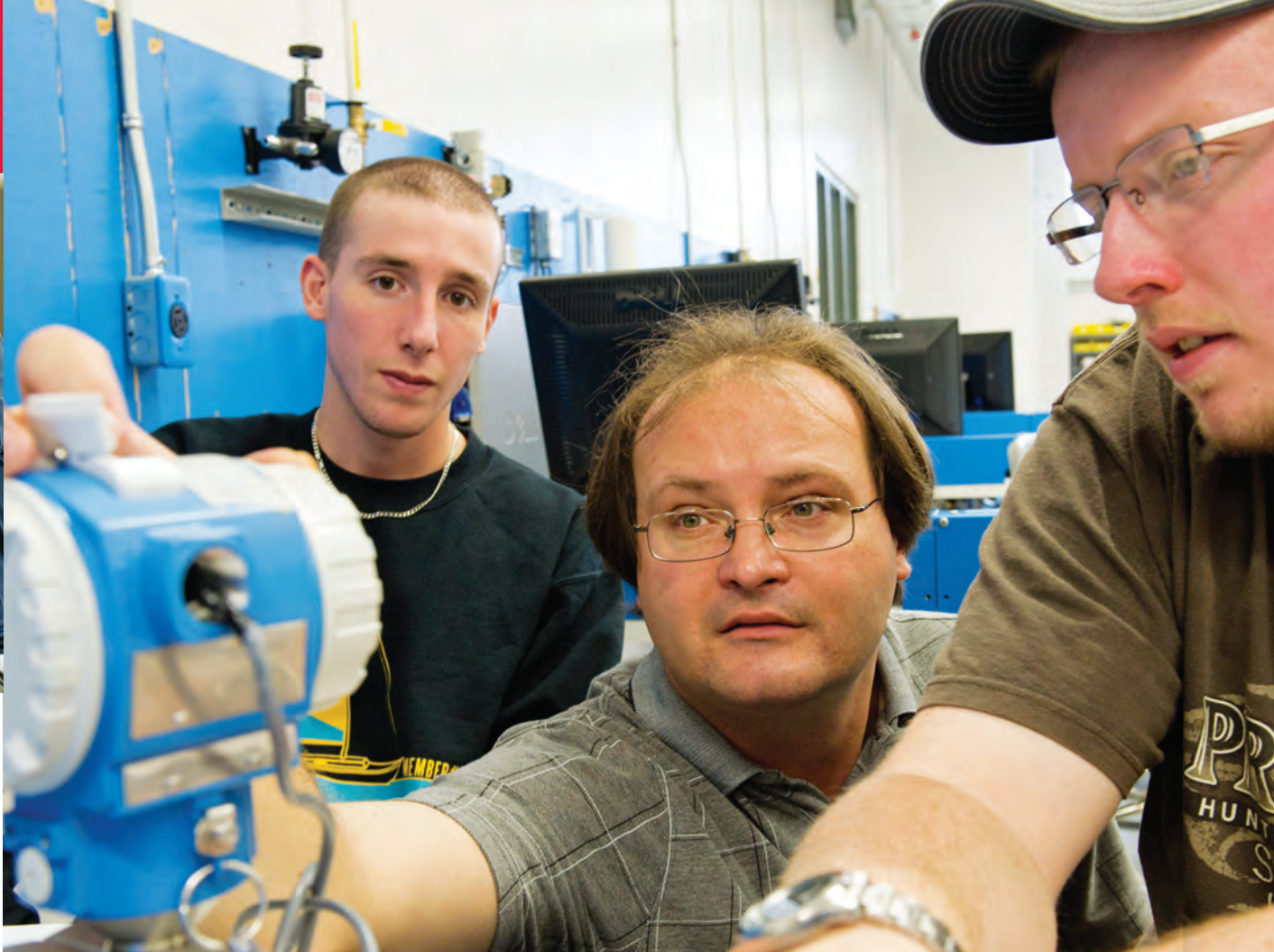
Two-Year Ontario College Diploma (Technician)

HIGHLIGHTS

- Electricity is the energy of the future
- Choose from a wide range of career path options, with a foundation of skills and knowledge you need for success in any of the many occupations in the electrical industry
- Receive practical, real-life, hands-on training
- Learn with active, involved instructors who are committed to students' success

CAREER OPPORTUNITIES

- There is an increasing need for skilled and knowledgeable workers in this broad and growing field. Loyalist's focus on industrial automation provides the foundation for a vast array of career options
- Opportunities in the electrical field include: residential, construction, or industrial electrician; automation specialist; robotics technician; technical customer service rep/sales support; research technician; video and security systems technician; alternative energy technician; home automation specialist; network installation technician; industrial maintenance technician; motor control specialist; Programmable Logic Controller programmer; appliance repair; heating, air conditioning and ventilation; electrical estimator; industrial networking specialist; electrical inspector; electrical systems and products trainer; communications systems technician; gaffer (video production sets); and railway signal technician



OUR GRADS GET GREAT JOBS

Bombardier – Electrical Designer

Horizon Plastics

– Millwright/Machine Maintenance

Hydro One

– Construction Maintenance Electrician

Quorum International – Electrical Apprentice

Torbram Electric Supply – Account Manager

Percentage of grads working:* 100%

*2011-12 two-year program, KPI Survey 2012 (Forum Research Inc. for Ministry of Training, Colleges and Universities)

