



**PROGRAM DESCRIPTION**

- Loyalist's well-rounded program combines classroom instruction, hands-on learning in the field, and lab work in our state-of-the-art Building Sciences Lab
- Get a strong foundation in surveying and drafting principles and computer applications including AutoCAD
- Second-year students gain skills in highway design, structural drafting, materials testing, municipal water and sewer systems, and estimating. Students produce surveys in the field with sophisticated GPS equipment
- The third year emphasizes design, structural components in steel and concrete, and the behaviour of fluids in open and closed conduits. Students learn supervisory techniques, and produce a technical report similar to the one required for professional certification

**APPROXIMATE COSTS (2013-2014)**

Domestic Tuition/Ancillary Fees: \$3,659 (two semesters)  
 Consumables Fee: \$80 (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
- OR
- Mature applicant (see loyalistcollege.com)

**Recommended Academic Preparation**

- Math MCT 4C
- MCF 3M

**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.

**Two or Three-Year Diploma**

- Algoma University College
- Athabasca University
- Davenport University
- Griffith University – Bachelor of Engineering

**Three-Year Diploma**

- Lakehead University – Bachelor of Engineering
- Laurentian University – Bachelor of Science in Liberal Science
- McMaster University – Bachelor of Technology Civil Engineering Infrastructure Technology
- University of Ontario Institute of Technology – Nuclear Power Bridge

LOYALIST

**LOYALIST COLLEGE**

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[loyalistcollege.com](http://loyalistcollege.com)



**CIVL**  
**CIVIL ENGINEERING**  
**TECHNICIAN/TECHNOLOGIST**





# CIVIL ENGINEERING TECHNICIAN/TECHNOLOGIST



Contact: [civl@loyalistc.on.ca](mailto:civl@loyalistc.on.ca)

## PROGRAM LENGTH

Two-Year Ontario College Diploma (Technician)

Three-Year Ontario College Advanced Diploma (Technologist)

## HIGHLIGHTS

- Skilled professionals in heavy construction and infrastructure rehabilitation are in high demand
- Work inside, outdoors, or a combination of both
- Get experience with current technologies and equipment
- A common first year allows easy transfer to the Survey Technician program (with some additional courses) or Construction Engineering
- Get an edge with the academic requirements for professional certification

## CAREER OPPORTUNITIES

Loyalist grads are hired by consulting engineering firms, contractors, fabricators, municipalities and cities, and federal and provincial agencies. You could work in high-demand areas such as:

- Structural (superstructure) – design, construction and rehabilitation
- Geotechnical (foundation) – design, material testing, inspection and site supervision
- Municipal – water supply (filtration and distribution systems) and sewage disposal (treatment and collection systems)
- Transportation – roads and highways

Some employment opportunities require certification through the Ontario Association of Certified Engineering Technicians and Technologists.

- A diploma from Loyalist satisfies all the academic requirements for OACETT certification
- Additional requirements include work experience, peer references, a Professional Practice Examination and submission of a technology report (for Technologist graduates) to OACETT



## OUR GRADS GET GREAT JOBS

Augusta Township – Public Works Manager

City of Belleville – Building Inspector

Highway Construction Inspection Ontario

– Highway Inspector

Cornerstone Builders – Estimator

Bell Canada – Network Coordinator

Percentage of grads working:\* 100%

Average starting salary:† \$40,000 - \$44,999

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

†Source: Employment Profile 2012 Provincial Report (Ministry of Training, Colleges and Universities)

