



#### PROGRAM DESCRIPTION

- Loyalist's well-rounded education combines classroom instruction, practical field exercises in small groups, and the opportunity to process data using the latest software including MicroSurvey CAD
- Get a strong foundation in basic surveying methods, computer applications and drafting using AutoCAD
- Develop specialized field and office skills used in both construction and cadastral surveying
- You will create plans for new communities and also develop plans of subdivision, plans of survey, and topographic plans using Global Positioning and astronomic techniques

#### APPROXIMATE COSTS (2013-2014)

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

Consumables Fee: \$80 (Year One)

Books and Supplies: \$1,400

Additional costs, such as travel and parking, may be incurred during placements

#### 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](http://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](http://loyalistcollege.com) for the latest details.

Algoma University College  
Davenport University  
Griffith University  
Laurentian University  
University of Ontario Institute of Technology

Percentage of  
grads working: **100%**

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

# LOYALIST

#### LOYALIST COLLEGE

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P.O. Box 4200  
Belleville, Ontario  
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[loyalistcollege.com](http://loyalistcollege.com)



## SURV SURVEY TECHNICIAN



# SURVEY TECHNICIAN



**Contact:** [surv@loyalisc.on.ca](mailto:surv@loyalisc.on.ca)

## PROGRAM LENGTH

Two-Year Ontario College Diploma

## HIGHLIGHTS

- Work outdoors or in an office, using the latest in technology
- Gain hands-on field experience operating Total Stations, data collectors, AutoCAD software and GPS equipment
- Put your skills to work one day a week with a semester-long, on-the-job field placement
- Investigate the civil and construction engineering fields, with the opportunity to transfer to the second year with just one additional course
- Your diploma satisfies all of the academic requirements for professional certification through OACETT

## CAREER OPPORTUNITIES

- Cadastral, or legal, surveying enables land surveyors to offer an opinion on the location of property boundaries; survey technicians act as their eyes and ears on the ground
- Surveying is the foundation of a wide variety of engineering projects, from pre-engineering surveys to assist in the design of roads and buildings, to the layout used to control the construction of bridges, sewers and roads, through to as-built surveys that document the location of the final structures and the quantity of material used
- There are also diverse opportunities working with Geographic Information Systems, which provide the framework for the development, implementation, and operation of a variety of data management and graphic technologies
- To be certified in Ontario, college graduates must apply to the Ontario Association of Certified Engineering Technicians and Technologists (OACETT). Additional requirements include work experience, peer references and a Professional Practice Examination conducted by OACETT



## OUR GRADS GET GREAT JOBS

**Gifford Harris Surveying Ltd.**

– Survey Technician

**Ivan B. Wallace Ontario Land Surveyor Ltd.**

– Draftsperson

**Marshall Macklin Monaghan Ltd.** – Instrument  
CAD Person

**GD Jewell Engineering Inc.** – Junior Inspector

**Villeneuve Construction Co. Ltd.**

– Paving Superintendent

