

## 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
- Mature applicant (see loyalistcollege.com)

## **Recommended Academic Preparation**

- Math MCT 4C
- MCF 3M

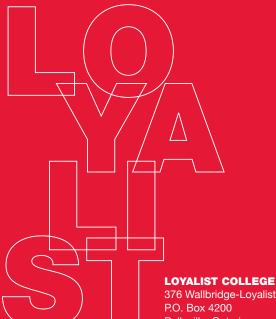
## **DIPLOMA TO DEGREE OPTIONS**

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.

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)



# SURV **SURVEY TECHNICIAN**





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loyalistcollege.com

## SURVEY TECHNICIAN



Contact: surv@loyalistc.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

