



APPROXIMATE COSTS (2013-2014)

- Domestic Tuition/Ancillary Fees: \$3,659 (two semesters)
- Consumables Fee: \$175 (Year One)
- Books and Supplies: \$1,040
- 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 or advanced, (C), (U) or (M) level, and
- Grade 12 English (C) level or equivalent
- OR
- Mature applicant (see loyalistcollege.com)

Recommended Academic Preparation

- Grade 12 Mathematics, Chemistry, and Physics at the (C), (U) or general level
- Applicants with a related degree or diploma may be considered for advanced standing or direct entry into Year Two

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
Carleton University - Bachelor of Science
Davenport University
Griffith University
Laurentian University
Royal Roads University - Bachelor of Science
University of Ontario Institute of Technology

Three-Year Diploma

Lakehead University - Bachelor of Chemical Engineering
McMaster University - Bachelor of Technology Manufacturing Engineering Technology
Trent University - Bachelor of Science (Honours)

LOYALIST

LOYALIST COLLEGE

376 Wallbridge-Loyalist Road
P.O. Box 4200
Belleville, Ontario
K8N 5B9

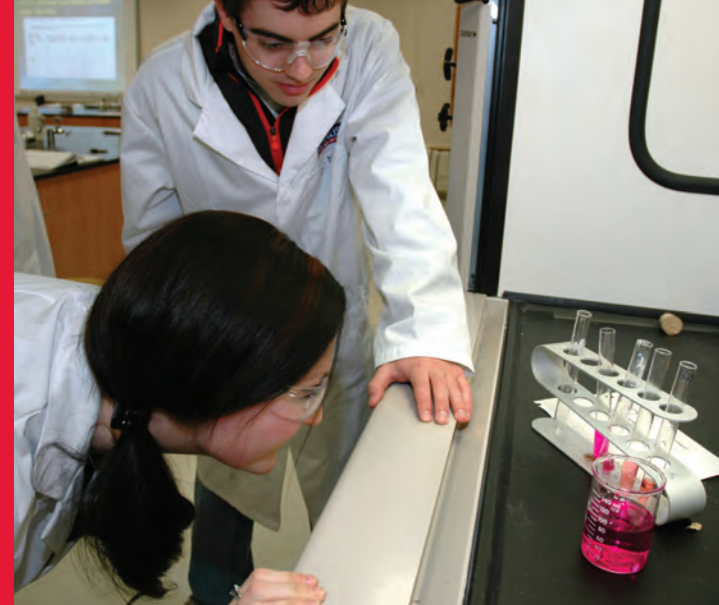
Phone: (613) 969-1913

Fax: (613) 969-7905

Toll Free: 1-888-569-2547

TTY: 613-962-0633

loyalistcollege.com



CHEM

CHEMICAL ENGINEERING TECHNICIAN/TECHNOLOGIST



CHEMICAL ENGINEERING TECHNICIAN/TECHNOLOGIST

Contact: chem@loyalistic.on.ca

PROGRAM LENGTH

Two-Year Ontario College Diploma (Technician)

Three-Year Ontario College Advanced Diploma (Technologist)

HIGHLIGHTS

- Enjoy hands-on learning in Loyalist's state-of-the-art Instrumentation Lab
- Field placements provide practical employment experience, preparing graduates for a smooth transition to the workforce with a wide range of skills
- Expand your opportunities with the option to complete a double diploma

CAREER OPPORTUNITIES

- Chemical engineering technicians and technologists work in government agencies, educational institutions, and a range of industries including food production, pharmaceuticals, petroleum, plastics, pulp and paper, mining, metallurgy and nuclear energy
- Graduates may work in the lab (production, process control, quality assurance, qualitative and quantitative analysis, research and development) or in the field (technical sales and service), with potential to advance into supervisory or management positions

PROGRAM DESCRIPTION

- Chemical engineering requires an inquisitive mind and meticulous attention to detail
- Graduates are prepared to carry out experiments, analyze and interpret data, assess analytical methods and develop new techniques, and manage lab operations
- In the first two years, students learn the basic principles and techniques of organic and analytical chemistry, chemical engineering and industrial processes
- Hands-on skills with chemical instrumentation, computer applications, health and safety, and microbiology techniques provide a range of practical job skills
- Students are introduced to employment opportunities through tours and placements
- Increased specialization in the third year includes chromatography, spectroscopy, extraction technology, radiochemistry, food chemistry and Good Manufacturing Practices
- Problem-based assignments take students from theory to practice, applying what they have learned
- Graduates can expand their opportunities by fast-tracking to a double diploma in Biotechnology or Environmental Technology



OUR GRADS GET GREAT JOBS

ABC Group – Plastic Industry Lab Technologist
Atomic Energy of Canada Ltd. – Lab Technician
Ontario Clean Water Agency
– Chemical Lab Technologist
Queen's University – Chemical Technologist
Durabla Canada – Quality Control
Laboratory Technician

Average starting salary:* \$45,000 - \$49,999

*2011-12 three-year program. Source: Employment Profile 2012 Provincial Report (Ministry of Training, Colleges and Universities)

