



PROGRAM DESCRIPTION

- Through hands-on learning in our newly equipped shop, students are prepared to meet increasingly complex industry standards
- Projects are followed from the engineering drawings stage, through cutting and forming processes, to the completion of the job – and quality inspection
- The certificate program teaches welding techniques such as gas metal arc welding and shielded metal arc welding; welding equipment operation; and skills in blueprint reading and sketching
- The new Welding and Fabrication Technician diploma offers the opportunity to expand your theoretical and practical skill set, along with in-depth trade practices and job planning skills
- Applicants with work experience or other non-credentialed learning may be eligible for credits and are able to challenge the first level of the Welding apprenticeship (fee pending)

During the program, in our test centre, students can obtain certification with the Canadian Welding Bureau (C.W.B.) for the following welding certificates:

- Gas Metal Arc Welding (G.M.A.W.) Flat Position
- Gas Tungsten Arc Welding Steel (G.T.A.W.) Fillet
- Gas Tungsten Arc Welding Stainless Steel (G.T.A.W.) Fillet
- Gas Tungsten Arc Welding Aluminum (G.T.A.W.) Fillet
- Shielded Metal Arc Welding (S.M.A.W.) Four Positions
- Flux Cored Arc Welding (F.C.A.W.) Flat Position
- Metal Cored Arc Welding (M.C.A.W.) Flat Position
- Welding Inspector Certificate and Welding Supervisor are also offered through the Canadian Welding Bureau Centre for Learning (part of the C.W.B. Group)

APPROXIMATE COSTS (2013-2014)

Domestic Tuition/Ancillary Fees: \$3,659 (two semesters)
Consumables Fee: \$20
Books: \$750; Supplies: \$250

ADMISSION REQUIREMENTS

Required Academic Preparation

- OSSD/OSSGD or equivalent with courses in 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

- Welding and Grade 12 Mathematics

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



WELT/WELP

**WELDING TECHNIQUES
WELDING AND FABRICATION TECHNICIAN**



WELDING TECHNIQUES WELDING AND FABRICATION TECHNICIAN



Contact: welt@loyalstc.on.ca

PROGRAM LENGTH

One-Year Ontario College Certificate (Techniques)

Two-Year Ontario College Diploma (Technician)

HIGHLIGHTS

- Gain the skills and experience needed in the evolving and complex fields of welding, fabrication, detailing and millwrighting
- Earn outside certificates in the program, such as Certified Welder, Structural Steel Plate Fitter, Certified Welding Inspector or Welding Supervisor
- Hands-on experience with new and evolving technologies such as CNC machinery and the ability to design in 3D will allow graduates to advance their careers further and faster
- You could fast-track into an apprenticeship
- Base salaries start at \$32,000. With experience and government certification, potential earnings increase to \$45,000 and more

CAREER OPPORTUNITIES

- There are employment opportunities in any industry where metal fabrication and maintenance are performed
- Graduate job-ready with the knowledge and confidence to work in a wide range of fields, from the construction and fabrication of mining equipment to machinery, pipelines, bridge truss systems, manufacturing, construction, welding, inspection, transportation such as subway cars and buses, shipbuilding, and the aerospace industry



OUR GRADS GET GREAT JOBS

Durose Manufacturing Limited – Welder

L-3 Communications – Welder/Setter

North American Steel – Welder/Fitter

Pure Ingenuity Inc. – Welder/Fitter

Canadian Welding Bureau

– Level 2 Welding Inspector

Average starting salary: \$35,000 - \$39,999†

†2011-12 Welding Techniques program. Source: Employment Profile 2012 Provincial Report (Ministry of Training, Colleges and Universities)

