

94%

**Employer Satisfaction\***  
with the knowledge and skills that our graduates possess.

**Ontario College Diploma**

**Program Code:** PWLFT

Full-time | Davis Campus | 2 years  
(4 Semesters)

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

# Welding and Fabrication Technician

Want to become a welding technician? Get hands-on lessons from some of the most qualified faculty in the Greater Toronto Area.



Get the advanced knowledge you need to begin a welding career in two years.

## Learn fundamental and advanced welding techniques

In the first year of your welding diploma, you'll get hands-on training in shielded metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW) and flux-cored arc welding (FCAW). In second year, you'll learn advanced techniques including flat, horizontal, vertical and overhead welding. This diploma prepares you for structural and pipe/pressure vessel applications.

## Work in specialty labs with the most experienced faculty in the GTA

Experience hours of hands-on learning in labs that mirror the professional welding workplace. You'll learn from the most highly certified welding faculty of any college in the Greater Toronto Area. Sheridan instructors bring decades of industry experience into their teaching. Small class sizes mean you'll get one-on-one mentorship with these instructors to help you succeed in class and at work.

## Graduate ready for a welding apprenticeship

When you graduate, you'll have the skills and knowledge necessary to begin an apprenticeship. You'll be able to apprentice as a welder, boilermaker, pipefitter, steamfitter, millwright or sheet-metal mechanic. Sheridan's welding program has such a strong reputation that employers may decide you've fulfilled the requirements of a first-year apprentice and allow you to begin as a second-year apprentice instead.

## Admission Requirements

### Program Eligibility

**Ontario Secondary School Diploma or equivalent, including these required courses:**

- One English, Grade 12 (ENG4C or ENG4U).

or

Mature student status.

### Applicant Selection

Eligible applicants will be selected on the basis of their previous academic achievement (the average of their six highest senior-level credits, including required courses).

Applicants who do not meet the admission requirements for this program will be assessed and advised individually and may be considered for other, related programs.

### English Test

All applicants whose first language is not English must meet Sheridan's English proficiency requirements.

Refer to the website for full admission requirements.

## Career Opportunities

After graduating from the two-year Welding and Fabrication Technician diploma program, you'll be able to apply for a wide variety of jobs, such as:

Structural Steel Welder

Boilermaker

Steamfitter

Industrial Maintenance  
Mechanic Millwright

Sheet Metal Mechanic

Welding Inspector

Welding Technologist

## Courses

### SOME OF THE COURSES YOU CAN EXPECT TO TAKE IN YOUR PROGRAM

Computer Assisted Design – 3D Model

Structural Groove Welding with Backing  
in the Vertical/Overhead Positions

Structural Steel Layout and Fabrication

Rigging & Hoisting Operations

Gas Tungsten Arc Welding (GTAW)

Welding in Pipe & Pressure Vessel  
Applications

Note: See website for specific terms and course listings.

## More information



**Website:**  
[sheridancollege.ca](http://sheridancollege.ca)



**Facebook:**  
[facebook.com/sheridaninstitute](https://facebook.com/sheridaninstitute)



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There's no better way to get a sense of Sheridan than with a personal visit. Book a tour and see for yourself!



[tours.sheridancollege.ca](https://tours.sheridancollege.ca)