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Welding and Fabrication Technician

Ontario College Diploma | 2 years
Davis Campus (Brampton)



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.

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
Steamfitter
Sheet Metal Mechanic
Welding Technologist

Boilermaker
Industrial Maintenance Mechanic Millwright
Welding Inspector

Courses

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

CADD for Welding Fabrication
Structural Groove Welding for Vertical and Overhead Positions
Gas Tungsten Arc Welding (GTAW)

Structural Steel Layout and Fabrication
Open Root Welding in Pipe and Pressure Vessel Applications
Pipe & Pressure Vessel Layout and Fabrication

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 may be advised individually regarding 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.

How to apply:

5 easy steps

- 1 Find your program
- 2 Check the admission requirements
- 3 Apply online
- 4 Submit your documentation
- 5 Accept your offer

Ready to get started?

apply.sheridancollege.ca



Visit us!

Come say hello and get a feel for your future! We offer:

- Campus Tours (in-person & virtual)
- Open Houses in the Spring and Fall
- Weekly webinars
- Appointments with Career Advisers



experience.sheridancollege.ca