



Centre de formation
Vocational Centre



WELDING AND FITTING

WWW.CONSTRUCPLUS.CA

TRAINING
1 800 HOURS



A TRAINING OF 1 800 HOURS OVER 52 WEEKS

PROGRAM CONTENT	HOURS
Determine their suitability for the trade and the training process	30 h
Become aware of occupational health and safety rules	30 h
Produce sketches and drawings	105 h
Apply concepts of metallurgy	45 h
Interpret drawings and specifications	105 h
Cut ferrous and non-ferrous metals	30 h
Use cutting and shaping equipment	90 h
Prepare parts	30 h
Apply the SMAW process	30 h
Weld steel parts using the SMAW process	105 h
Apply the GTAW process	45 h
Weld steel parts using the GTAW process	75 h
Weld aluminum parts using the GTAW process	60 h
Produce basic assemblies	60 h
Apply the GMAW process	30 h
Weld steel parts using the GMAW process	120 h
Weld aluminum parts using the GMAW process	60 h
Produce simple assemblies	60 h
Apply the FCAW process	15 h
Weld steel parts using the FCAW process	120 h
Apply the SAW, RW and PAW processes	30 h
Interpret drawings and specifications for complex assemblies	105 h
Produce assemblies of medium complexity	75 h
Communicate in the workplace	15 h
Produce complex assemblies	120 h
Modify assemblies	45 h
Repair assemblies	60 h
Use job-search techniques	15 h
Enter the work force	90 h

REQUIRED PERSONAL QUALITIES AND SKILLS

- Thoroughness
- Dexterity
- Good spatial awareness
- Good eyesight
- Team spirit

CAREER OPTIONS

- Welder-fitter
- Arc welder
- Gas welder

WORK ENVIRONMENTS

- Welding shop
- Manufacturing plants
- Garages
- Factories
- Shipping industries

PREREQUISITS

- Holding a Secondary School Diploma

OR

- Have at least 16 years of age and have earned the **Secondary IV** credits in language of instruction, second language and mathematics

OR

- Have been granted recognition for equivalent learning by the ministère de l'Éducation et de l'Enseignement supérieur

Your diploma of vocational studies (DVS) will be issued by the ministère de l'Éducation et de l'Enseignement supérieur.



STUDENT FOR A DAY

www.studentforaday.ca