

WELDING & ASSEMBLY

Welding & Assembly 5882 • 1800 Hours • D.V.S.



514-488-INFO (4636)
www.emsb-aevs.com



Commission scolaire English-Montréal
English Montreal School Board



Adult Education &
Vocational Services

Welding & Assembly

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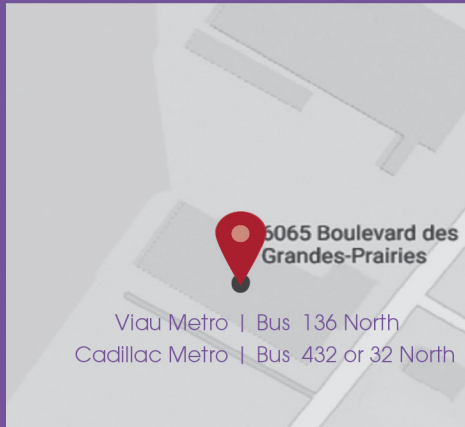
For admission to a program leading to a DVS* with the prerequisites in Category 1

SSD*** **Or**

Be at least 16 years of age as of September 30th of the current year and have earned Secondary IV credits in language of instruction, second language and mathematics, or have been granted recognition of equivalent learning. **Or**

Be at least 18 years of age and have successfully completed the General Development Test (GDT) and the program's specific prerequisites (please consult a counsellor) or the Secondary School Equivalency Test (SSET) (TENS).

Vocational Training Centre



To Register

5025 Jean Talon E
St. Leonard QC H1S 3G6
Tel: 514-374-4278
Fax: 514-374-4403

Program Location

6065 Boul. des Grandes-Prairies
St. Leonard QC H1P 1A5
Tel: 514-327-8787

www.lmaccareercentre.com

- * (DVS) Diploma of Vocational Studies
- ** (AVS) Attestation of Vocational Specialization
- *** (SSD) Secondary School Diploma

Program Objectives

- To interpret plans, specifications and procedures.
- To prepare and weld steel, stainless steel and aluminium parts according to various procedures: SMAW, GTAW, GMAW, FCAW.
- To carry out, modify and repair assemblies, apply occupational health and safety rules and control the quality of products made.

Program Content

Title of Module	Hours
Determine their suitability for the trade and the training process	30
Prevent risks to health, safety and physical well-being on construction sites	30
Weld steel and stainless steel using the GMAW process in the flat and horizontal positions	105
Perform welding and assembly calculations	30
Proceed with the mechanical cutting and preparation of metal parts	45
Interpret simple assembly drawings and draw sketches	90
Use access, lifting and handling equipment	30
Proceed with the thermal cutting of metal parts	45
Weld steel using the FCAW process in the flat and horizontal positions	90
Bend and shape metals	60
Weld steel and stainless steel using the GMAW process in the vertical and overhead positions	75
Drill, punch and bolt metals	30
Produce simple assemblies	75
Weld steel and stainless steel using the SMAW process in the flat and horizontal positions	75
Interpret complex assembly drawings	105
Produce structural assemblies	105
Establish welding and cutting procedures	30
Weld steel using the FCAW process in the vertical and overhead positions	45
Weld steel using automated and robotic systems	75
Produce assemblies of medium complexity	120
Weld steel and stainless steel using the GTAW process in all four positions	90
Weld steel using the SMAW process in the vertical and overhead positions	75
Weld aluminum using the GMAW process in all four positions	60
Weld aluminum using the GTAW process in all four positions	60
Produce complex assemblies	120
Manage their career	15
Enter the work force	90

Financial Aid

Ministère de l'Éducation et de l'Enseignement Supérieur (MEES) offers financial assistance to full-time vocational education students who qualify.

Application forms for financial assistance are available at all Vocational Training Centres. For more information on Loans and Bursaries, call the Vocational Centre.

Student For A Day

If you are interested in one or more of our vocational programs, but are not sure which one best suits your needs, you are invited to spend the day at one of our centres that offers the program of your choice. For additional information, call the Vocational Training Centre.

Would You Like to Further Your Education?

Our primary concern is to assist you in selecting a program which best suits your talents, your interests and your needs while taking into account employment possibilities.

For additional information, please contact information and referral services at **514-488-INFO (4636)**.

Web site: www.emsb-aevs.com

*Get on the road to an
exciting new career!*



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