

Title: Press Brake Setup/Operation in Precision Sheet Metal Work

Code: 4751

Credits: 42

Duration: 630 hours

Training sector: Mechanical Manufacturing (11)

Certification of studies: Skills Training Certificate (STC) (awarded exclusively by the educational organizations)

Authorized in: 2013

Actualized in: 2021

Mandated school service centres or school boards: Marguerite-Bourgeoys, des Chênes

Participating school service centres or school boards: N/A

Occupation: Press Brake Setter/Operator

Program of study objectives: Train specialized workers to work on the transformation of sheet metal less than one-quarter inch thick (6 mm). Companies in this sector produce metal products or parts to order. The companies may manufacture heating, ventilation, air conditioning and commercial refrigeration units, institutional and commercial furniture, showcases, partitions, shelving and lockers, metal doors and windows, ornamental and architectural metal products, vehicle bodies and trailers, and material handling equipment.

Conditions of admission:

A person who meets the following conditions is eligible for admission to a program of study leading to an STC:

- 1** Has obtained at least Secondary III credits or the equivalent in the language of instruction, second language and mathematics;
 - or** Has obtained an Attestation of Equivalence of Secondary Studies (AESS);
 - or** Has successfully completed the General Development Test (GDT) with or without specific prerequisites.
- 2** Has interrupted their full-time studies for at least 12 months;
 - or** Is 18 years old when entering training;
 - or** Has obtained a Secondary School Diploma (SSD) or a Diploma of Vocational Studies (DVS) or their equivalent;
 - or** Meets the eligibility conditions of Emploi-Québec's workforce training measure.

This program is accessible via the [TCST-STC bridge](#).

PROGRAM OF STUDY CONTENT

AEP Code	Statement of the Competency	Hours
AEP 751-011	Determine their suitability for the trade and training process	15
AEP 751-022	Prevent health, safety and environmental hazards	30
AEP 751-032	Interpret information about the characteristics of sheet metal and sheet metal work	30
AEP 751-045	Solve trade-related mathematical problems	75
AEP 751-055	Interpret production plans	75
872-563	Verify the dimensions of parts	45
AEP 751-077	Make bended parts	105
AEP 751-081	Adapt to the organization of work in the workplace	15
AEP 751-097	Produce bended parts serially	105
872-661	Use job search techniques	15
AEP 751-118	Enter the workforce	120

Recognition of acquired competencies is possible for candidates enrolled in the *Precision Sheet Metal Work* – Industrial field DVS program of study.

Documentation available upon request

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| <input checked="" type="checkbox"/> Work Situation or Profession Analysis Report (Rapport de l'AST ou de l'AP) | <input checked="" type="checkbox"/> Program of Study (Programme d'études) | <input type="checkbox"/> RAC Tools (Instrumentation RAC) |
| <input type="checkbox"/> Proposed Training Plan (Projet de formation) | <input type="checkbox"/> Organizational Guide (Guide d'organisation) | |
| <input checked="" type="checkbox"/> Harmonization Table (Tableau d'harmonisation) | <input checked="" type="checkbox"/> Evaluation Framework (Cadre d'évaluation) | |