

Title: Control Panel Assembly

Code: 4761

Credits: 30

Duration: 450 hours

Training sector: Electrotechnology (09)

Certification of studies: Skills Training Certificate (STC) (awarded exclusively by the school service centres or the school boards)

Authorized in: 2022

Mandated school service centre or school board: des Bois-Francis

Participating school service centres or school boards: de Saint-Hyacinthe, De La Jonquière, des Navigateurs, du Val-des-Cerfs, de Laval, des Chics-Chocs, des Chênes, de la Rivéraine

Occupations: Control panel assembler

Program of study objectives: Develop the students' competency in the assembly of control panels used in industrial automation and control. Fabricate control panels for electrical and mechanical systems. Acquire the ability to read and interpret electrical plans and schematic diagrams. Develop wiring skills and test voltage-free components according to current standards.

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 761-011	Situate oneself with regard to the profession and the training process	15
AEP 761-021	Perform calculations related to the assembly of control panels	15
AEP 761-032	Promote health and safety and prevent causing harm to the environment	30
AEP 761-043	Learn to apply the principles of electricity	45
AEP 761-051	Relocate equipment	15
AEP 761-066	Assemble control panels	90
AEP 761-077	Wire control panels	105
AEP 761-082	Integrate automated systems	30
AEP 761-091	Apply job search techniques	15
AEP 761-106	Develop strategies for integrating oneself into the workforce	90

Recognition of acquired competencies is possible for candidates who enrol in a program of study leading to a DVS.

Documentation available upon request

- | | | |
|---|--|---|
| <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 checked="" type="checkbox"/> Proposed Training Plan
(Projet de formation) | <input checked="" 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) | |