

Title: Bicycle Mechanics

Code: 4747

Credits: 43

Duration: 645 hours

Training sector: Maintenance Mechanics (14)

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

Authorized in: 2021

Mandated school service centre or school board: de Montréal

Participating school service centres or school boards: N/A

Occupation: Bicycle Mechanic

Program of study objectives: The *Bicycle Mechanics* program of study prepares students for the duties of a bicycle mechanic. Bicycle mechanics mainly see to the assembly and to the maintenance, trouble diagnosis and repair of bicycles. These tasks often require to find technical information and to order compatible bicycle parts. Frequent interaction with the clientele also requires good communication skills.

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 747-011	Determine their suitability for the trade and the training process	15
AEP 747-021	Prevent risks related to health, safety and environmental protection	15
AEP 747-036	Visualize the general principles of mechanics	90
AEP 747-044	Research technical information related to bicycles	60
AEP 747-053	Adopt a customer-based approach	45
AEP 747-062	Assemble a bicycle	30
AEP 747-076	Maintain and repair bicycle wheels	90
AEP 747-085	Maintain and repair bicycle braking systems	75
AEP 747-095	Maintain and repair bicycle drivetrain systems	75
AEP 747-104	Maintain and repair bicycle frames and steering systems	60
AEP 747-116	Perform bicycle tune-ups	90

Harmonization work conducted for the *Bicycle Mechanics* program of study has not led, at this time, to the identification of common competencies with other programs 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 checked="" type="checkbox"/> Proposed Training Plan
(Projet de formation) | <input checked="" type="checkbox"/> Organizational Guide
(Guide d'organisation) | |
| <input type="checkbox"/> Harmonization Table
(Tableau d'harmonisation) | <input type="checkbox"/> Evaluation Framework
(Cadre d'évaluation) | |