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# Transportation Trades Sampler Short Certificate

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## Program Content Guide

Effective Date: June 2019

**Goal**

The Transportation Trades Sampler program is a 300-hour program providing students with an opportunity to experience Automotive Service Technician, Motor Vehicle Body Repairer, Heavy Duty Equipment Technician, Automotive Painter and Automotive Refinishing Prep Technician trades. In addition to the opportunity to sample various aspects of these trades, participants will learn the safe operation of heavy equipment and obtain IVES counterbalance forklift operation certification.

Graduates will have acquired basic knowledge, skills, and attitudes necessary to carry out their duties in a safe, ethical, and professional manner.

**Admission Requirements**

Applicants do not apply to VCC directly. Interested BC secondary school students, teachers and counselors are directed to contact the Career Program Coordinator or Administrator for their school district. See the Youth Explore Program website for details (<http://youth.itabc.ca/programs/explore/>).

Note: Students will be required to provide safety boots.

**Prior Learning Assessment & Recognition (PLAR)**

PLAR is not available in this program. Maximum time for completion is two years.

**Program Duration**

This program is 300 hours.

**Program Learning Outcomes**

Upon completion of this program graduates will be able to:

1. Demonstrate safe working practices including compliance with Worksafe BC and WHMIS regulations.
2. Demonstrate forklift operation in accordance with IVES Training Group standards.
3. Demonstrate general automotive maintenance services including lubrication and fluids, belts and hoses, exterior lamps, tires and wheels in accordance with Industry Training Authority (ITA) Provincial competencies for Automotive Service.
4. Demonstrate welding procedures and welding safety in accordance with ITA Provincial competencies for Automotive Service.
5. Demonstrate basic equipment operational procedures in accordance with ITA Provincial competencies for Heavy Duty/Commercial Transport.
6. Demonstrate basic automotive repair refinishing practices in accordance with ITA Provincial competencies for Automotive Refinishing.

**Instructional Activities, Design and Delivery Mode**

The Transportation Trades Sampler short certificate provides a wide range of opportunities for student Instructional time is (approximately) 25% classroom and 75% practical activity. Classroom activities are lectures, demonstrations, audio-visual presentations and exercises. Practical experience takes place in an active shop setting. The extensive workshop experience provides reinforcement of theoretical concepts, develops hand skills, and familiarity with repair procedures,

electronic equipment standard safety procedures. All modules are designed to enable the student to work independently and in groups.

**Evaluation of Student Learning**

Grades are provided for written exam questions on theoretical topics. Practical work is continuously evaluated for quality repair, clean work habits, participation, teamwork, and the ability to follow instructions. Students must complete a minimum of eight (8) credits to be granted a Transportation Trades Sampler Short Certificate.

**Recommended Characteristics of Students**

- Basic Computer Skills
- Good general health and respiratory condition
- Physical strength and stamina compatible with the handling of heavy parts and equipment as required by the program
- Ability to tolerate noise and vibration
- Mechanical aptitude and interest
- Good manual dexterity
- Good hand-eye co-ordination
- Good eyesight and normal colour vision
- Good line, form and depth perception
- Possession of valid BC driver's license

**Courses**

Course #	Course Name	Credits
TTSP 0100	Workplace Safety	1.0
TTSP 0101	Basic Welding Procedures	1.0
TTSP 0102	Basic Sheet Metal Repair	1.0
TTSP 0103	Automotive Refinishing	1.0
TTSP 0104	Project Car	2.0
TTSP 0105	Heavy Equipment Operation	1.0
TTSP 0106	Forklift Operation	1.0
TTSP 0107	Automotive Engines	1.0
TTSP 0108	Automotive Maintenance	1.0
TTSP 0109	Introduction to Apprenticeship	0.0

**Total Program Credits: 10.0**

### Transcript of Achievement

The evaluation of learning outcomes for each student is prepared by the instructor and reported to the Student Records Department at the completion of semesters.

The transcript typically shows a letter grade for each course. The grade point equivalent for a course is obtained from letter grades as follows:

#### Grading Standard

Grade	Percentage	Description	Grade Point Equivalency
A+	96-100		4.33
A	91-95		4.00
A-	86-90		3.67
B+	81-85		3.33
B	76-80		3.00
B-	70-75	Minimum Pass	2.67
C+			2.33
C			2.00
C-			1.67
D			1.00
F	0-69	Failing Grade - unable to proceed to next Term	0.00
S	70 or greater	Satisfactory – student has met and mastered a clearly defined body of skills and performances to required standards	N/A
U		Unsatisfactory – student has not met and mastered a clearly defined body of skills and performances to required standards	N/A
I		Incomplete	N/A
IP		Course in Progress	N/A
W		Withdrawal	N/A
<b>Course Standings</b>			
R		Audit. No Credit	N/A
EX		Exempt. Credit granted	N/A
TC		Transfer Credit	N/A

### Grade Point Average (GPA)

1. The course grade points shall be calculated as the product of the course credit value and the grade value.
2. The GPA shall be calculated by dividing the total number of achieved course grade points by the total number of assigned course credit values. This cumulative GPA shall be determined and stated on the Transcript at the end of each Program level or semester.
3. Grades shall be assigned to repeated courses in the same manner as courses taken only once. For the purpose of GPA calculation of grades for repeated courses, they will be included in the calculation of the cumulative GPA.

#### VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them. The policies are located on the VCC website at: <http://www.vcc.ca/about/governance--policies/policies/>