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ARAP 1001: Auto Refinishing Prep Technician Apprenticeship

EFFECTIVE DATE

January 2019

DEPARTMENT

Auto Prep - Apprenticeship

DESCRIPTION

This course provides the Technical Training component of the Provincial Automotive Refinishing Prep Technician apprenticeship program. Students gain skills and knowledge in the following topics: safety, tools and equipment, technical information and documentation, workplace planning and scheduling, surface preparation, using paint materials and equipment, vehicle components and pre-delivery. Students achieving an in-school grade of 70% or greater are eligible to write the Provincial ITA exam to receive an ITA Certificate of Qualification for this trade.

CREDITS

4.5

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

Students must be registered with the Industry Training Authority of BC (ITA) and have received an Apprenticeship Identification number.

COREQUISITES

None

COURSE LEARNING OUTCOMES

Upon successful completion of this course, students will be able to:

- A1 Use safety equipment in compliance with safety standards
- A2-AC Maintain a safe work environment
- B1 Maintain hand and power tools
- B2-AC Perform spray booth maintenance according to schedule
- B3-AC Perform spray equipment maintenance and test spray
- C1-4 Use documentation to interpret vehicle information, ensure safety, environmental compliance, and work accuracy

- D1-3-AC Plan work by performing work inspections and organizing production schedules
- E1-AC Prepare a vehicle for prep
- E2-AC Mask a vehicle for protection and primer
- E3 Describe stripping techniques
- E4-AC Sand a vehicle for refinishing
- F1 Prepare vehicle surfaces for refinishing
- F1-3-AC Mix and apply repair and corrosion protection materials
- G1-2-4-AC Use equipment in the refinishing process to apply primer/undercoats according to manufacturers' recommendations
- G3-AC Operate drying and curing equipment
- I1-AC Perform basic polish to remove surface imperfections
- I2-AC Install trim and accessories

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 60

Lab: 40

Other: 0

INSTRUCTIONAL STRATEGIES

Instructional strategies include: Lectures, demonstrations, case studies, group work, individual work and project work in an authentic shop environment.

GRADING SYSTEM

Percentages-ITA

PASSING GRADE

70

Assignments	40	In-shop practical assignments (12-18)
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COURSE TOPICS

- Refinishing Safety
- Tools and Equipment
- Technical Information and Documentation
- Workplace Planning and Scheduling
- Surface Preparation
- Materials Application and Equipment Use
- Vehicle Components and Pre-Delivery Inspections

LEARNING RESOURCES

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

1155 East Broadway
Vancouver, B.C. Canada
V5T 4V5

Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
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Annacis Island campus

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