



COURSE OUTLINE

Course Name: Auto Refinishing Prep Technician Apprentice

Course Number: ARAP 1001

Number of Credits: 4.5

Effective Date: January 2019

Course Description:

This course provides the Technical Training component of the Provincial Automotive Refinishing Prep Technician apprentice 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.

School or Centre:

School of Trades, Technology & Design

Year of Study:

1st Year Post-secondary

Course History:

Revised Course

Name of Replacing Course (if applicable):

Course Pre-requisites (if applicable):

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

Course Co-requisites (if applicable):

PLAR (Prior Learning Assessment & Recognition)

No Yes (details below):

Instructional Strategies:

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

Course Learning Outcomes:

1. A1 Use safety equipment in compliance with safety standards
2. A2-AC Maintain a safe work environment
3. B1 Maintain hand and power tools
4. B2-AC Perform spray booth maintenance according to schedule
5. B3-AC Perform spray equipment maintenance and test spray
6. C1-4 Use documentation to interpret vehicle information, ensure safety, environmental compliance, and work accuracy
7. D1-3-AC Plan work by performing work inspections and organizing production schedules
8. E1-AC Prepare a vehicle for prep
9. E2-AC Mask a vehicle for protection and primer
10. E3 Describe stripping techniques
11. E4-AC Sand a vehicle for refinishing
12. F1 Prepare vehicle surfaces for refinishing
13. F1-3-AC Mix and apply repair and corrosion protection materials
14. G1-2-4-AC Use equipment in the refinishing process to apply primer/undercoats according to manufacturers' recommendations
15. G3-AC Operate drying and curing equipment
16. I1-AC Perform basic polish to remove surface imperfections
17. I2-AC Install trim and accessories

Program Learning Outcomes:

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

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 web site at:

<http://www.vcc.ca/about/governance--policies/policies/>

To find out how this course transfers, visit the BC Transfer Guide at www.bctransferguide.ca.

FOR COMMITTEE USE ONLY

Approved by Curriculum Committee:	September 18, 2018	Approved by Education Council:	October 9, 2018
-----------------------------------	--------------------	--------------------------------	-----------------