



APAP 1001: Auto Paint and Refinishing Technician Apprentice

EFFECTIVE DATE

January 2019

DEPARTMENT

Auto Paint - Apprenticeship

DESCRIPTION

This course provides the Technical Training component of the provincial Automotive Painter (Automotive Refinishing Technician) apprentice program. Students gain advanced skills and knowledge on performing inspections to assess substrate condition, develop repair estimates and ensure quality control. Additionally, students will further develop skills to ensure quality refinishes in areas of preparation, paint mixing, matching and troubleshooting of paint problems. Students will also refine their pre-delivery skills focussing on removal of surface imperfections, the application of decals and striping and performing quality control inspections. Students achieving an in-school grade of 70% or greater are eligible to write the interprovincial ITA exam (Red Seal) to receive an ITA Certificate of Qualification for this trade.

CREDITS

4.0

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

Students must be registered with the Industry Training Authority of BC (ITA), have received an Apprentice Identification number and received ITA credit for Auto Refinishing Prep Technician Technical Training.

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- D1-AC Perform refinish area evaluations on various surfaces
- D2-AC Create a repair estimate
- D3-AC Prepare a production schedule
- E1-AC Prepare vehicle for refinishing

- H1-AC Mix paint manually to manufacturers' specifications
- H1-AC Mix paint using manufacturers' software
- H2 Perform colour matching
- H3-AC Apply refinishing materials
- H4 Troubleshoot paint problems
- I1-AC Remove surface imperfections
- I3-AC Remove and install decals and striping
- I4-AC Perform final check to ensure overall quality control

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 40

Lab: 60

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

EVALUATION PLAN

Type	Percentage	Assessment activity
Quizzes/Tests	20	Formative theory quizzes (12-24).
Final Exam	15	VCC Final exam.
Assignments	65	In-shop practical assignments (12-18)

COURSE TOPICS

- Work Planning and Scheduling
- Refinishing Preparation

- Application of refinishing materials
- Surface Imperfections
- Quality Control 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>.

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