



ARPT 1136: Paint Problems and Repairs

EFFECTIVE DATE

DEPARTMENT

Automotive Refinish Prep - Voc
DESCRIPTION

During this course students identify topcoat conditions, potential paint damage, correct repair procedures and recognize and identify the various causes of refinishing problems. This course is part of the full-time Automotive Refinishing Prep Technician, Automotive Refinishing Prep Technician - High School Programs

CREDITS

2.0

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

None

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Perform visual inspections of various refinishing problems
- Identify paint damage on a vehicle
- Describe paint problem repair techniques
- Describe spot repair refinishing procedures
- Describe panel repair refinishing procedures
- Describe complete repair refinishing procedures
- Prepare a vehicle for a spot repair
- Prepare a vehicle for a panel repair
- Prepare a vehicle for a complete repair
- Describe and identify problems caused by improper material mixing
- Describe and identify problems caused by out-of-date materials
- Describe and identify problems caused by improper application techniques

- Describe and identify problems caused by heat or lack of heat
- Describe and identify problems caused by improper ventilation
- Describe and identify problems caused by improper flash times
- Describe and identify problems caused by incompatible materials

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 21

Other: 29

INSTRUCTIONAL STRATEGIES

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

GRADING SYSTEM

Percentages-ITA

PASSING GRADE

70%

EVALUATION PLAN

Type	Percentage	Assessment activity
Assignments	15	Quizzes and Assignments (formative - theory)
Exam	20	Theory exam (summative - theory)
Project	50	Practical assignments (preparation, task completion, cleanup, document writing-service report etc.)
Other	15	Observable active participation and team work

COURSE TOPICS

- Visual Inspections of Refinishing Problems
- Paint Damage Identification
- Paint Problem Repair Techniques
- Spot Repair Refinishing

- Panel Repair Refinishing
- Complete Repair Refinishing
- Problems Caused By: Improper Material Mixing
- Problems Caused By Out-of-Date Materials
- Problems Caused By Improper Application Techniques
- Problems Caused By Heat or Lack of Heat
- Problems Caused By Improper Ventilation
- Problems Caused By Improper Flash Times
- Problems Caused By Incompatible Materials

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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