



# ACRF 1181: Refinish Preparation (E-pprentice)

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## EFFECTIVE DATE

November 2021

## DEPARTMENT

Automotive Collision Repair

## DESCRIPTION

Students identify various substrates, topcoats and conditions found with automotive finishes and procedures required to correct them in preparation for refinishing. A major focus of this course is correct sanding and stripping of surfaces, masking vehicles, applying and blocking undercoat materials and fillers. Students are introduced to coatings, solvents and additives and important information regarding safe use, handling and storage.

## CREDITS

5.0

## 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:

- Clean surfaces in preparation for repairs.
- Describe substrates.
- Identify substrate condition.
- Describe masking materials and equipment.
- Use masking techniques in preparation for primer.
- Describe masking deficiencies and corrective procedures.
- Remove masking after primer.
- Describe paint removal techniques.
- Describe sanding materials and equipment.

- Use sanding techniques and procedures.
- Describe body fillers.
- Mix body fillers.
- Describe undercoats, solvents and additives.
- Mix undercoats.

## PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lab: 12.5

Practicum: 62.5

Self-paced: 75

Other: 137.5

## INSTRUCTIONAL STRATEGIES

Instructional strategies include: Self-paced and scheduled online learning assignments, lectures, demonstrations, 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
Quizzes/Tests	30	Formative theory (quizzes and assignments)
Exam	20	Summative theory
Assignments	25	Performance evaluations
Practicum	25	Performance evaluations (Instructor/ Workplace as per Workplace Evaluation Guide)

## COURSE TOPICS

- Tools and Equipment for Refinish Preparations

- Substrate Identification and Cleaning
- Finish Sanding and Removal
- Filler Application and Sanding for Surface Preparation
- Masking for Undercoats
- Undercoats, Solvents and Additives

## 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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