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# ACRF 1180: Refinish Preparation

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## EFFECTIVE DATE

September 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

6.5

## 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

Lecture: 75

Lab: 75

## INSTRUCTIONAL STRATEGIES

Instructional strategies include: Lectures, demonstrations, case studies, 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	Quizzes and Assignments (formative - theory)
Exam	30	Theory exam (summative - theory)
Assignments	30	Practical assignments (preparation, task completion, cleanup, document writing-service report etc.)
Participation	10	Active participation and team work

## 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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