



# ACRF 1185: Refinish Application

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## EFFECTIVE DATE

September 2021

## DEPARTMENT

Automotive Collision Repair

## DESCRIPTION

This course focuses on the spray environment, vehicle and gun setup in preparation for various topcoat applications in compliance with personal and environmental safety regulations. Students also learn spray techniques for topcoating, refinish defect prevention and defect correction processes.

## CREDITS

4.0

## 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:

- Describe spray booth controls and operation.
- Operate a spray booth.
- Perform spray booth maintenance.
- Describe topcoat materials.
- Mix refinishing materials using manufacturers' software and mixing system.
- Use cleaning materials in preparation for various coatings.
- Apply primer sealers.
- Apply single-stage paint.
- Apply basecoat/clearcoat.

## PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lecture: 40

Lab: 60

## 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

- Understanding and Preventing Refinish Defects
- Spray Environment Controls, Preparation, Operation and Maintenance
- Topcoat Materials, Paint Manufacturers' Software and Mixing Systems
- Primer/Sealer Application
- Single-Stage Paint Application
- Basecoat/Clearcoat Application

## 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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### Broadway campus

1155 East Broadway  
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### Downtown campus

250 West Pender Street  
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### Annacis Island campus

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