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## ACRD 2150: Using Refinishing Materials and Equipment

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### EFFECTIVE DATE

May 2019

### DEPARTMENT

Auto Collision Refinishing Dip

### DESCRIPTION

This course focuses on the prevention of paint defects through proper equipment, materials and vehicle preparation, in addition to materials application processes and techniques. This course is part of the full-time Automotive Collision and Refinishing Diploma program.

### CREDITS

4.0

### YEAR OF STUDY

2nd Year Post-secondary

### PREREQUISITES

None

### COREQUISITES

None

### COURSE LEARNING OUTCOMES

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

- Mix repair materials
- Select repair materials
- Apply repair materials
- Describe corrosion protection
- Apply corrosion protection
- Describe undercoats and repair materials
- Use spray guns to apply primers/undercoats
- Operate a spray booth
- Operate drying and curing equipment
- Use paint manufacturers' software and equipment

## **PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)**

None

## **HOURS**

Lecture: 50

Lab: 50

## **INSTRUCTIONAL STRATEGIES**

Instructional strategies may include lectures, demonstrations, assigned homework, group work, individual work, field trips, and project work in an authentic shop environment.

## **GRADING SYSTEM**

Percentages-ITA

## **PASSING GRADE**

70%

Participation	10	Active participation and team work
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## COURSE TOPICS

- Coatings and Additives
- Corrosion Protection
- Undercoat Application
- Understanding and Preventing Refinish Defects
- Mixing Equipment
- Spray Setup
- Spray Gun Technique
- Topcoat 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  
Vancouver, B.C. Canada  
V5T 4V5

### Downtown campus

250 West Pender Street  
Vancouver, B.C. Canada  
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### Annacis Island campus

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