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## ACRD 2145: Surface Preparation and Masking

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### EFFECTIVE DATE

May 2019

### DEPARTMENT

Auto Collision Refinishing Dip

### DESCRIPTION

Students learn techniques to prepare various surfaces for various refinishes. Techniques for masking vehicles for primer and paint are also a focus of this course. 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:

- Describe preparation procedures
- Explain finish conditions
- Prepare a panel for surface preparation
- Describe masking materials
- Describe masking techniques
- Use masking techniques to protect and prepare a vehicle for primer
- Use masking techniques to prepare a vehicle for paint
- Describe stripping techniques
- Describe sanding materials and equipment
- Use sanding techniques

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

None

## **HOURS**

Lecture: 25

Lab: 75

## **INSTRUCTIONAL STRATEGIES**

Instructional strategies may 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	25	Quizzes and Assignments (formative - theory)
Exam	20	Theory exam (summative - theory)
Project	30	Practical assignments (preparation, task completion, cleanup, document writing-service report etc.)
Participation	25	Observable active participation and team work

## COURSE TOPICS

- Substrate Preparation
- Masking
- Striping Coatings
- Sanding Materials and Equipment
- Sanding Techniques

## 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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