



## ACRT 1215: Plastics and Composites 2

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### EFFECTIVE DATE

January 2019

### DEPARTMENT

Automotive Collision Repair

### DESCRIPTION

Building on ACRT 1115 Plastics Repair 1 this course focuses on more complex plastics repairs requiring a higher level of skill development. Students will also be introduced to fibre reinforced plastics repair processes such as sheet mold compound and carbon fibre. This course is part of the full-time Auto Collision Repair Technician Certificate and Auto Collision Repair Technician High School Certificate programs.

### CREDITS

1.0

### YEAR OF STUDY

1st Year Post-secondary

### PREREQUISITES

Successful completion of ACRT 1115 Plastics and Composites 1

### COREQUISITES

None

### COURSE LEARNING OUTCOMES

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

- Describe fibre reinforced plastic repair materials, tools and equipment
- Describe fibre reinforced plastics repair processes
- Describe complex adhesive plastic repair techniques
- Perform complex interior and exterior plastic repairs

### PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lecture: 5

Lab: 20

Other: 0

## INSTRUCTIONAL STRATEGIES

Instructional strategies include: 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	30	Performance evaluations
Participation	20	Active participation, teamwork, attendance and safety demerits

## COURSE TOPICS

- Fibre Reinforced Plastics
- Sheet Mold Compound
- Carbon Fibre

## 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  
V6B 1S9

**Annacis Island campus**

1608 Cliveden Avenue  
Delta, B.C. Canada  
V3M 6P1

604.871.7000

**VCC.ca**

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