



# COURSE OUTLINE

**Course Name:** Surface Preparation 2

**Course Number:** ACRT 1216

**Number of Credits:** 2.0

**Effective Date:** January 2019

**Course Description:**

Building on ACRT 1116 this course focuses on the actual preparation and application of undercoats/primers and corrosion protection techniques.

This course is part of the full-time Auto Collision Repair Technician Certificate program.

**School or Centre:**

School of Trades, Technology & Design

**Year of Study:**

1st Year Post-secondary

**Course History:**

Revised Course

**Name of Replacing Course (if applicable):**

**Course Pre-requisites (if applicable):**

Successful completion of ACRT 1216 Surface Preparation 1

**Course Co-requisites (if applicable):**

**PLAR (Prior Learning Assessment & Recognition)**

No  Yes (details below):

**Instructional Strategies:**

Instructional strategies include: Lectures, demonstrations, group work, individual work, field trips, and project work in an authentic shop environment.

**Course Learning Outcomes:**

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

1. Prepare vehicles for the application of undercoats and primers
2. Apply undercoats and primers
3. Identify corrosion protection techniques

**Program Learning Outcomes:**

Upon completion of this program, graduates will be able to:

1. Apply the skills and knowledge necessary to perform as a Level 1 Automotive Collision Repair Technician as per the Industry Training Authority of British Columbia, provincial program standards;
2. Evaluate completed repairs for consistency, accuracy and quality according to industry specifications and standards;
3. Adhere to industry health and safety standards in the repair and reconditioning of automotive vehicles;
4. Practice professional etiquette in a team environment;
5. Apply occupational essential skills outlined by Essential Skills Development Canada in the Essential Skills profile for Motor Vehicle Body Repairers.

## Evaluation/Grading System

| Grading System | Specify if 'Other': | Specify Passing Grade: |
|----------------|---------------------|------------------------|
| Percentages    |                     | 70%                    |

## Components and Weighting of the Assessment/Evaluation Plan:

| Type          | Percentage | Evaluation Plan<br>(provide a brief explanation for each component especially if value exceeds 35%): |
|---------------|------------|--|
| 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                                       |
|               |            |  |
|               |            |  |
| <b>Total</b>  |            | <b>100</b>   |

## Learning Environment/Type

| Instruction Type                  | Hours Per Instruction Type | Comments  |
|-----------------------------------|----------------------------|-----------|
| J - Classroom/Online (Mixed Mode) | 10                         |           |
| B - Lab (Computer, Chemistry...)  | 40                         |           |
|                                   |                            |           |
|                                   |                            |           |
|                                   |                            |           |
| <b>Total</b>                      |                            | <b>50</b> |

## Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

**Course Topics:**

Preparing Plastics  
Advanced Surface Prep and Masking  
Advanced Corrosion Protection

## VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about/governance--policies/policies/>

To find out how this course transfers, visit the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca).

### FOR COMMITTEE USE ONLY

|                                   |                    |                                |                 |
|-----------------------------------|--------------------|--------------------------------|-----------------|
| Approved by Curriculum Committee: | September 18, 2018 | Approved by Education Council: | October 9, 2018 |
|-----------------------------------|--------------------|--------------------------------|-----------------|