



# COURSE OUTLINE

**Course Name:** Surface Preparation 2

**Course Number:** ACRT 1226

**Number of Credits:** 1.0

**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 Automotive Collision Repair Technician High School 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 (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...)	15	
	<b>Total</b>	<b>25</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
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