



COURSE OUTLINE

Course Name: Sheet Metal Repair 2

Course Number: ACRT 1214

Number of Credits: 4.0

Effective Date: January 2019

Course Description:

This course builds on ACRT 1114 and introduces students to sheet metal repairs on structural sheet metal panels. Students learn about additional considerations of performing such repairs including the effects of heat, structural alignment and adhesive bonding.

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 1114 Sheet Metal Repair 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. Describe the characteristics of sheet metal
2. Describe the types of basic sheet metal damage
3. Identify and use sheet metal repair tools and equipment
4. Perform minor sheet metal damage repairs
5. Perform adhesive panel bonding procedures

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
Total		100

Learning Environment/Type

Instruction Type	Hours Per Instruction Type	Comments
J - Classroom/Online (Mixed Mode)	25	
B - Lab (Computer, Chemistry...)	75	
Total		100

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:

Adhesive Bonding
Advanced Straightening Steel
Advanced Measuring
Applying 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.

FOR COMMITTEE USE ONLY

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