



v c c . c a

ACRD 2250: Mechanical and Electrical Systems

EFFECTIVE DATE

May 2019

DEPARTMENT

Auto Collision Refinishing Dip

DESCRIPTION

This course introduces students mechanical and electrical systems and the damage typically affected by collision impacts. This course is part of the full-time Automotive Collision and Refinishing Diploma program.

CREDITS

5.0

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:

- Identify suspension systems
- Identify steering systems
- Identify air conditioning systems
- Identify brake systems
- Identify heating and cooling systems

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 62.5

Lab: 62.5

INSTRUCTIONAL STRATEGIES

Instructional strategies may include lectures, demonstrations, 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

- Suspension Systems
- Steering Systems
- Air Conditioning Systems
- Brake Systems
- Heating and Cooling Systems

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>.

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

Generated at: 1:49 pm on Apr. 11, 2021