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ACRT 1217: Construction and Components 2

EFFECTIVE DATE

January 2019

DEPARTMENT

Automotive Collision Repair

DESCRIPTION

Building on ACRT 1117 this course continues the in-depth look at the construction and components of various types of automobiles with a focus on mechanical components and basic structural repairs. Students will learn how automobiles are manufactured and will service various parts and components as part of real repair procedures. Additionally, students will be introduced to basic troubleshooting of electrical circuits and components and, wind and water leak troubleshooting. This course is part of the full-time Auto Collision Repair Technician Certificate program.

CREDITS

4.0

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

Successful completion of ACRT 1117 Construction and Components 1

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Identify damage to auto body parts and components
- Perform body component servicing procedures
- Align various parts and components
- Service non-structural glass
- Troubleshoot electrical problems
- Perform leak repairs

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 25

Lab: 75

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

- Electrical Circuits and DVOM Usage
- Lighting, Charging, and Starting Systems
- Wind Noise and Water Leaks

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

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