



ACRF 1161: Plastic Panels and Components (E-pprentice)

EFFECTIVE DATE

November 2021

DEPARTMENT

Automotive Collision Repair

DESCRIPTION

This course introduces students to automotive plastics identification, repair tools and equipment and repair techniques. Students perform adhesive and weld repairs to rigid and flexible plastic interior and exterior parts.

CREDITS

1.5

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

None

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Identify plastic characteristics and applications.
- Describe methods of plastic identification.
- Describe damage conditions and repair considerations.
- Remove plastic panels in preparation for repairs.
- Perform repair preparations on various plastic types.
- Perform repair on plastic panel using hot-air welding procedures.
- Perform repair on plastic panel using airless welding procedures.
- Perform repair on plastic panel using adhesive repair procedures.
- Install plastic panels and components to industry standards for fit and finish.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lab: 6

Practicum: 24

Self-paced: 20

Other: 44

INSTRUCTIONAL STRATEGIES

Instructional strategies include: Self-paced and scheduled online learning assignments, 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\\n
Assignments	25	Performance evaluations
Practicum	25	Performance evaluations (Instructor/\\nWorkplace as per Workplace Evaluation Guide)

COURSE TOPICS

- Safety and Plastic Identification
- Cleaning, Damage Types and Repair Techniques
- Adhesive Repairs
- Welded and Combination Repairs
- Thermoplastic Repair Procedures
- Thermoset Plastic Repair Procedures

- Additional Repair Considerations

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

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Downtown campus

250 West Pender Street
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