



ACRF 1186: Refinish Application (E-pprentice)

EFFECTIVE DATE

November 2021

DEPARTMENT

Automotive Collision Repair

DESCRIPTION

This course focuses on the spray environment, vehicle and gun setup in preparation for various topcoat applications in compliance with personal and environmental safety regulations. Students also learn spray techniques for topcoating, refinish defect prevention and defect correction processes.

CREDITS

3.5

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:

- Describe spray booth controls and operation.
- Operate a spray booth.
- Perform spray booth maintenance.
- Describe topcoat materials.
- Mix refinishing materials using manufacturers' software and mixing system.
- Use cleaning materials in preparation for various coatings.
- Apply primer sealers.
- Apply single-stage paint.
- Apply basecoat/clearcoat.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lab: 6.5

Practicum: 53.5

Self-paced: 40

Other: 93.5

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)\n
Exam	20	Summative theory\n
Assignments	25	Performance evaluations
Practicum	25	Performance evaluations (Instructor/\nWorkplace as per Workplace Evaluation Guide)

COURSE TOPICS

- Understanding and Preventing Refinish Defects
- Spray Environment Controls, Preparation, Operation and Maintenance
- Topcoat Materials, Paint Manufacturers' Software and Mixing Systems
- Primer/Sealer Application
- Single-Stage Paint Application
- Basecoat/Clearcoat Application

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

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