



ARPT 1133: Surface Preparation

EFFECTIVE DATE

DEPARTMENT

Automotive Refinish Prep - Voc
DESCRIPTION

Students identify various substrates and topcoats found in the automotive refinishing industry, mixing, applying and finishing plastic body fillers, applying a two-part putty, correctly sanding a vehicle and the functions of metal conditioners and conversion coatings. This course is part of the full-time Automotive Refinishing Prep Technician, Automotive Refinishing Prep Technician - High School Programs

CREDITS

2.0

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 preparation procedures
- Identify types of substrates
- Explain finish conditions
- Describe preparation prior to sanding
- Describe finishing plastic fill prep and applications
- Describe sanding equipment and materials
- Describe metal conditioners
- Identify and describe emerging technology

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 25

Other: 25

INSTRUCTIONAL STRATEGIES

Instructional strategies include: Lectures, demonstrations, case studies, 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	15	Quizzes and Assignments (formative - theory)
Exam	20	Theory exam (summative - theory)
Project	50	Practical assignments (preparation, task completion, cleanup, document writing-service report etc.)
Other	15	Observable active participation and team work

COURSE TOPICS

- Preparation Procedures
- Substrates
- Finish Conditions
- Preparation Prior to Sanding
- Finishing Plastic Fill
- Sanding Equipment and Materials
- Metal Conditioners
- New Technology

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>.

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