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## ARPT 1127: Undercoats

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### EFFECTIVE DATE

### DEPARTMENT

Automotive Refinish Prep - Voc  
**DESCRIPTION**

During this course students identify the four types of undercoats, correct mixing procedures and application sequence and methods. this course is part of the full-time Automotive Refinishing Prep Technician - High School program.

### 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:

- Explain the characteristics of the four types of undercoats
- Describe functions of each undercoat
- Explain application sequence of undercoats
- Explain the effect an undercoat may have on other undercoats or topcoats
- Explain the undercoat application process
- Explain computer use in the automotive refinishing trade
- Explain the use of measuring equipment
- Describe undercoat Material Safety Data Sheet (MSDS) and Volatile Organic Compound (VOC) content
- Describe safe working practices while working with products
- Mix and apply an undercoat to a vehicle

## PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lecture: 33.75

Other: 16.25

## 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

- Characteristics and Functions of Undercoats
- Application Sequence of Undercoats
- Effect of Undercoats
- Mixing Ratios
- Undercoat Application Process
- Computer Use in Automotive Refinishing
- Measuring Equipment
- Material Safety Data Sheet (MSDS) and Volatile Organic Compound (VOC) Content

- Safe Working Practices

## 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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### 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  
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