



AUTO 1133: General Automotive Maintenance

EFFECTIVE DATE

DEPARTMENT

Automotive Service Technician
DESCRIPTION

This course covers general automotive maintenance. Topics include lubricants and fluids, belts, hoses, wheels, tires, bearings, spindles and hubs. Types of exterior lamps, body trim and hardware will also be discussed. This course is part of the full-time Automotive Service Technician Foundation Program.

CREDITS

3.0

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, identify and select lubricants and fluids for specific purposes
- Describe, identify, inspect, and replace drive belts
- Describe and identify hoses and clamps
- Describe, inspect, service and repair tires
- Describe and inspect wheels
- Describe, inspect and service non friction bearings
- Describe, inspect and service spindles and hubs
- Describe, inspect and service exterior lamp

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 20

Other: 55

INSTRUCTIONAL STRATEGIES

Classroom activities are lectures, demonstrations, audio-visual presentations and exercises. Practical experience takes place in an active shop setting. The extensive workshop experience provides reinforcement of theoretical concepts, develops hand skills, and familiarity with repair procedures, electronic equipment and standard safety procedures. All modules are designed to enable the student to work independently and in groups.

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

B-

EVALUATION PLAN

Type	Percentage	Assessment activity
Quizzes/Tests	29	Students are given multiple choice quizzes and tests throughout the course to assess their theoretical knowledge
Lab Work	71	Practical knowledge and skills are evaluated in the shop while students are working on training aids and customer vehicles.
Lab Work		

COURSE TOPICS

- Lubricants and fluids
- Drive belts
- Hoses and clamps
- Wheels and tires
- Non friction bearings
- Spindles and hubs
- Exterior lamps

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
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Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
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Annacis Island campus

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