



# AUTO 1134: General Automotive Practices

---

## EFFECTIVE DATE

## DEPARTMENT

Automotive Service Technician  
**DESCRIPTION**

This course covers diagnostic processes and procedures used for troubleshooting. It also includes welding safety procedures, basic welding and cutting. 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 the importance of following a diagnostic process
- Describe general diagnostic procedures including manufacturer's procedures where available
- Describe the importance of failure analysis
- Describe oxy-acetylene components
- Demonstrate oxy-acetylene procedures
- Describe MIG (GMAW) welding components and methods
- Demonstrate MIG (GMAW) welding procedures

## 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	56	Students are given multiple choice quizzes and tests throughout the course to assess their theoretical knowledge
Lab Work	44	Practical knowledge and skills are evaluated in the shop while students are working on training aids and customer vehicles.
Lab Work		

## COURSE TOPICS

- Diagnostic procedures and failure analysis
- Oxy-acetylene components and procedures
- MIG (GMAW) welding components, methods and procedures

## 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  
V5T 4V5

**Downtown campus**

250 West Pender Street  
Vancouver, B.C. Canada  
V6B 1S9

**Annacis Island campus**

1608 Cliveden Avenue  
Delta, B.C. Canada  
V3M 6P1

604.871.7000

**VCC.ca**

Generated at: 5:41 pm on Apr. 10, 2021