MAINTENANCE AND LIGHT REPAIR - BASIC TECHNICAL CERTIFICATE (BTC)

Explore More About This Program: https://cwi.edu/program/automotive-technology

Certificate Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Automotive Service and Collision Repair
- **Program Code:** MAIN.BTC
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the Special Course Fees web page.

Certificate Requirements

Course	Course Title	Min Credits
Major Requirements		
AUTO 112	Automotive Foundations and Safety	3
AUTO 115	Automotive Maintenance	3
AUTO 121	Automotive Electrical Systems I	3
AUTO 125	Automotive Electrical Systems II	3
AUTO 131	Brakes	3
AUTO 135	Suspension and Steering	3
AUTO 141	Engine Repair	3
AUTO 145	Manual Drivetrain and Axles	3
Minimum Credit Hours Required		**24**

Certificate Plan: Fall or Spring Start

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this Plan of Study Guide. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this course sequence plan.

First Year

Fall		Credit Hours
First 4-Week Course Session		
AUTO 112	Automotive Foundations and Safety	3
Second 4-Week Course Session		
AUTO 115	Automotive Maintenance	3
Third 4-Week Course Session		
AUTO 121	Automotive Electrical Systems I	3
Fourth 4-Week Course Session		
AUTO 141	Engine Repair	3
Total Semester Credit Hours		**12**
Spring		
First 4-Week Course Session		
AUTO 125	Automotive Electrical Systems II	3
Second 4-Week Course Session		
AUTO 131	Brakes	3
Third 4-Week Course Session		
AUTO 135	Suspension and Steering	3
Fourth 4-Week Course Session		
AUTO 145	Manual Drivetrain and Axles	3
Total Semester Credit Hours		**12**
Minimum Credit Hours Required		**24**

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the appropriate mastery of knowledge and skills that are identified by the National Automotive Technicians Education Foundation (NATEF) Task List to become a successful entry-level automotive technician.
- Demonstrate knowledge and understanding of safety practices specifically related to automotive repair at CWI.
- Demonstrate industry standards for preparing a vehicle.