

Automotive Services Technology (AST)

AST 100 Automotive Orientation and Safety

2 Hours

Prerequisites 0.7-3w: allows the student an opportunity to ask questions about jobs in the industry. The course covers the safety needed to know for automotive and auto collision service work. This course will also cover some of the history of the automotive industry.

AST 101 Automotive Maintenance and Light Repair

3 Hours

AST 170 Engine Repair

3 Hours

Prerequisites: AST 100 & AST 101

4 hours weekly (2-2)

This course is an introduction for the student into the Internal Combustion Engine (I.C.E.). This course will concentrate on engine construction, diagnosis, diagnosis, disassembly, inspection, and reassembly.

permission

4 hours weekly (2-2)

This course is a study of the principles of electricity and general electrical system diagnosis as it pertains to the 12-volt system used in automotive systems. This course will cover batteries, series, parallel circuits, wiring diagrams, and other electrical principles.

AST 183 Braking, Steering, and Suspension I

3 Hours

Prerequisites: AST 100, 101, 180 or instructor permission

4 hours weekly (2-2)

This class will introduce the student into the brake, steering and suspension systems used in the automotive industry. This class will cover brake system fundamentals and brake safety, principles of brake operation, base brake

AST 190 Electrical II

3 Hours

Prerequisites: AST 100, 101, 180 or instructor permission

AST 283 Brakes, Steering and Suspension II

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