



# Automotive Service Technology

Course Listing  
Certificate Requirements

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**Total number of credits:** 27

**Short Description of program** including the occupations and any certification exam the program prepares students for etc.

**Program Description:** This program provides workplace safety training and prepares the student to perform automotive repairs in the following areas: tire service, lubrication, exhaust, body electrical, starting and charging systems, brakes, steering and suspension, wheel alignment and standard drive train. The student will receive training to take the (ASE) Certification Tests in the following areas: Electrical/Electronic Systems, Brakes, Suspension and Steering, and Manual Drive Train and Axles.

**Application Requirements:** Assessment score placement in RDNG 0090 or completion of RDNG 0080 with a grade of "C" or higher; assessment score placement in MATH 0030 or completion of MATH 0010 with a grade of "C" or higher; assessment score placement in ENGL 0090 or completion of ENGL 0080 with a grade of "C" or higher. An Automotive Service Technology program application must be completed and submitted to admissions before entering the program.

*Career/Occupational Requirements:*

Discipline/Number	Title	Credit #	Prerequisite
AST 1005	Automotive Workplace Safety	1	None
AST 1015	Automotive Brakes	4	AST 1005
AST 1025	Steering and Suspension Systems	3	AST 1005
AST 1035	Four Wheel Alignment	4	AST 1025
AST 1045	Standard Drive Train	4	AST 1035
AST 1055	Automotive Service	2	AST 1005
AST 1065	Electrical Principles	3	AST 1005
AST 1075	Body Electrical Systems	2	AST 1065
AST 1085	Starting and Charging Systems	4	AST 1075