

# SKILL CERTIFICATE IN AUTOMOTIVE CHASSIS TECHNOLOGY

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Students completing this certificate will acquire knowledge and skills necessary to perform factory service and repair of automotive brake systems, tire and wheel balancing, chassis alignment and suspension repair. Upon completion students will have entry-level knowledge and skills necessary for the proper maintenance, replacement, and repair of automotive brake and suspension systems.

## Program Outcomes

- Practice safety in the repair and service associated with electrical, hydraulic and mechanical systems.
- Describe components and apply necessary skills for their respective approach to select the proper method to diagnose, repair and test automotive systems.
- Demonstrate proficiency in the use of automotive diagnostic equipment to evaluate performance and determine needed repairs.

## Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following jobs: automotive brake system diagnosis and repair, tire and wheel balancing, suspension system diagnosis and repair, and automotive chassis four-wheel alignment procedures.

## Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
AUTO 130	Introduction to Automotive Technology	3
AUTO 136	Automotive Electrical Systems	4
AUTO 234	Auto Suspension/Steering System	4
AUTO 235	Automotive Brake Systems	4
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TOTAL		15

The Skill Certificate requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Industry & Technology Division Chair.