

# AUTOMOTIVE BRAKE AND SUSPENSION SYSTEMS (ABS AND FOUR-WHEEL ALIGNMENT)

Certificate of Proficiency  
Career/Technical (Major Code: 02750)

Designed to prepare students to diagnose, service, repair, and adjust brake, suspension, and steering systems on passenger vehicles and light duty trucks. All instruction meets or exceeds ASE (Automotive Service Excellence) standards. Program completion will prepare students for employment in local and national chains specializing in "under car" service.

## Program Student Learning Outcome

- Inspect diagnose and repair brake and suspension system.

| Code                 | Title  | Units |
|----------------------|--|-------|
| Program Requirements |  |       |
| AT 101               | INTRODUCTION TO BASIC AUTOMOTIVE SERVICE       | 3     |
| AT 102               | AUTOMOTIVE SCIENCE AND BASIC MECHANICS         | 3     |
| AT 109               | AUTOMOTIVE BRAKING SYSTEMS                     | 3     |
| AT 110               | AUTOMOTIVE SUSPENSION, ALIGNMENT, AND STEERING | 3     |
| Total Units          |  | 12    |