

# SKILLS CERTIFICATE, AUTOMOTIVE SERVICE EXCELLENCE (ASE) MASTER

The ASE Master Skills Certificate will introduce students to the theory, diagnosis, and hands-on skills to service and repair light-duty vehicles. Students will be introduced to the basic fundamentals of diagnosis and repair of engine fuel system, ignition systems, and computerized fuel injection control sensors and components. The engine performance skills certificate will help prepare students to take the Automotive Service Excellence (ASE) Engine Performance (A8) exam. Students must pass all coursework with a score of 70% or higher.

These courses may not transfer to a baccalaureate degree of art or science within the universities in the Nevada System of Higher Education (NSHE).

## Outcomes

Students completing the certificate will:

- Identify, test, and interpret failed engine, powertrain, and emission components, and formulate repair strategies.
- Demonstrate knowledge of the appropriate workplace skills and tools, including the application of personal and mechanical safety measures used in engine performance diagnosis and repair.

Skills Certificates provide training for entry level positions or career advancement and are designed to prepare students to take state, national and/or industry-recognized certifications or licensing exams. Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester (Student are unable to declare intent to complete a skills certificate.) Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0
2. Have no financial or library obligation to the college

Code	Title	Units
<b>Certificate Requirements</b>		
AUTO 225	Engine Performance I	4
AUTO 227	Engine Performance II	4
AUTO 265	Electrical/Electronic Systems III	4
<b>Total Units</b>		<b>12</b>
<b>1st semester</b>		
AUTO 225	Engine Performance I	4
AUTO 227	Engine Performance II	4
AUTO 265	Electrical/Electronic Systems III	4
<b>Semester Total</b>		<b>12</b>
<b>Total Units</b>		<b>12</b>