South Seattle Community College

Automotive Technology

Program Outcomes

1. Inspect, diagnose, disassemble, repair, replace and service each of the major systems in various types of vehicles. (SLO 4.1)
2. Locate sources, make parts write-ups, calculate costs and explain repair or service. (SLO 2.1 & 7. 1)
3. Handle customer needs, complaints, questions, and special challenges. (SLO 3.1 & 3.2)
4. Access and apply manufacturer's specifications in repair and replacement. (SLO 7.1)
5. Work safely and responsibly within all shop safety and environmental guidelines and standards. (SLO 6.4 & 6.5)
6. Rebuild and troubleshoot engines and transmissions. (SLO 4.1 & 5.1)
7. Demonstrate ability to pass the ASE test required for NATEF certification. (SLO 1.1, 1.2 & 7.1)
8. Demonstrate computer competency for accessing data and documenting service. (SLO 5.1)
9. Communicate and document service records. (SLO 1.2)
10. Compute costs, time, and measurements. (SLO 2.1)
11. Work independently and in groups to service, repair, test, and maintain vehicles. (SLO 3.1 & 6.3)
12. Describe employer expectations for employees within the automotive industry workplace. (SLO 7.2)
13. Use technology to test vehicles. (SLO 5.1)
14. Work with accuracy, dependability, proficiency and in a timely manner, when servicing equipment. (SLO 6.3 & 6.4)
15. Identify and strategize own career plans within the field. (SLO 7.2)

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Student Learning Outcomes (SLO)

STUDENT LEARNING OUTCOMES are the knowledge and abilities every student graduating with a certificate or degree from South Seattle Community College will have. Students will achieve these outcomes as well as the specific curriculum outcomes for their academic or technical area of study.

1. Communication

1.1 Read and listen actively to learn and communicate.

1.2 Speak and write effectively for personal, academic and career purposes.

2. Computation

2.1 Use arithmetic and other basic mathematical operations as required by program of study.

2.2 Apply quantitative skills for personal, academic, and career purposes.

2.3 Identify, interpret and utilize higher level mathematical and cognitive skills (for those students who choose to move beyond the minimum requirements are stated above).

3. Human Relations

3.1 Use social interactive skills to work in groups effectively.

3.2 Recognize the diversity of cultural influences and values.

4. Critical Thinking and Problem-Solving

4.1 Think critically in evaluating information, solving problems and making decisions.

5. Technology

5.1 Select and use appropriate technological tools for personal, academic and career tasks.

6. Personal Responsibility

6.1 Be motivated and able to continue learning and adapt to change.

6.2 Value one's own skills, abilities, ideas and art.

6.3 Manage personal health and safety.

6.4 Be aware of civic and environmental issues.

7. Information Literacy

7.1 Access and evaluate information from a variety of sources and contexts, including technology.

7.2 Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society.