



2007-2008 Career Planning Guide

DIESEL/HEAVY DUTY EQUIPMENT

Spokane Community College

Spokane Community College
1810 North Greene Street
Spokane, Washington 99217-5399
www.scc.spokane.edu

Completion Award: A.A.S. Degree

Start: Fall, Winter, Spring

Tuition and Fees: <http://www.ccs.spokane.edu/fees.html>

Approximate Quarterly Cost: (subject to change without notice)

Books (estimate, six quarters)	\$	210
Supplies and Equipment (estimate, six quarters)	\$	1,550

PROGRAM WEBSITE: <http://www.scc.spokane.edu/?he>

Program Description

Diesel/heavy duty mechanics repair and maintain trucks, buses, logging, mining, agricultural and construction equipment. In addition, they maintain and repair diesel and gasoline engines, compressors and pumps.

Students may enter the program any quarter.

PROGRAM GOALS--Students who successfully complete this program will be able to:

1. Understand construction, function and fundamentals of heavy duty vehicle components.
2. Diagnose mechanical and performance problems.
3. Make decisions as to disposition of worn parts (usable, recondition or replace).
4. Operate precision repair and diagnostic equipment (including electrical and diesel fuel systems).
5. Weld (arc, acetylene, and wire feed).
6. Read and interpret repair manuals.
7. Appreciate the importance of good public relations with customers, employer and fellow employees.
8. Understand basic shop operation.
9. Utilize the theory of overhead and labor cost in relationship to profit.
10. Comprehend the concept of apprenticeship and how it functions.

Career Opportunities

Career outlook for diesel technicians is excellent. Employment of heavy duty diesel technicians is expected to increase very rapidly through the coming decade. This increase will come because of steady growth in the industry and advancements in technology.

There is a large demand for qualified technicians. Many are employed in service departments of distributors and dealers selling diesel engines, farm and construction equipment and trucks. Technicians also work for companies and government agencies that repair and maintain their own diesel-powered equipment. Most positions have excellent benefits, and salaries are well above average for the area.

Suggested Course of Study 2007-2008

Consult Adviser/Counselor for Program
Planning and Selection of Electives

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A.A.S. Degree: SCC

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