

# BELLINGHAM TECHNICAL COLLEGE

## DIESEL EQUIPMENT TECHNOLOGY

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**COURSE NUMBER:** DET-129

**COURSE TITLE:** Applied Diesel Concepts I

**CREDITS:** 12cr

**COURSE DESCRIPTION:** The student is required to intern in a business that performs repairs to diesel equipment. The student will obtain and maintain their own employment. The student is normally working with or under the direct supervision of a journey-level technician. It is recommended that the student's experience focus on the subject areas completed in the last quarter on campus. The repair facility then becomes a real world extension of the classroom. An instructor from BTC who will visit the work site periodically will monitor student work.

**OUTCOME:** Students will gain a working knowledge of the diesel repair industry. Students will build on the knowledge gained while on campus as well as encountering new experiences. Students also obtain knowledge of how an individual shop operated to assist in decision-making when looking for long term employment.

### **OUTLINE:**

**STUDENT PERFORMANCE OBJECTIVES:** Students are required to track their on the job hours as well as the jobs performed. Students are required to turn in time sheets before stated deadlines. If a student is unable to locate employment at the beginning of the quarter, he or she must turn in a report documenting their employment search.

### **METHOD OF INSTRUCTION:**

*Provide opportunity for disadvantaged or disabled students by providing alternate modes of learning.*

### **STUDENT ASSIGNMENTS/REQUIREMENTS:**

### **EVALUATION AND GRADING:**

Student turns in required sheets on time every month	=	A
Student turns in required sheets within on week after deadline only once	=	B
Student turns in required sheets within on week after deadline two or more times	=	C
Students who do not turn a time sheet for Any month will not receive a grade for this quarter	=	F