# Course Information Form (CIF)

**Course Code:** AFD 212

**Course Title:** Auto Work Experience II

**Department:** Applied Sciences and Technologies
**PCS Code:** 1.2 - Occupational/Technical Instruction
**CIP Code:** 47.9998
**Repeatability:** 0

**Effective Date:** Summer 2026

## Credit Hours

**Catalog Notation:** 0-10-1
**Credit Hour Distribution:**

| Lecture: 0 | Lab: 10 | Clinical: 0 | **Total: 1** |
|---|---|---|---|

## General Course Information

### Catalog Description

On-the-job work experience for students continuing employment in the automotive industry, with a focus on furthering their technical experience and diagnostic skills. Student is required to have an approved position, appropriate tools, and to speak with instructor prior to start.

### General Course Objectives

Students will work in an approved shop under the supervision of an experienced technician to expand their work experiences and gain the needed competencies for a successful career.

### Minimum Placement Levels

| English | Reading | Math |
|---|---|---|
| Placement into ENG 098 | Placement into CCS 098 | Placement into MAT 060 |

### Prerequisites

Credit in AFD 110, AFD 210, and AFD 211

### Methods of Evaluation

The number of evaluation methods will include: 8 weekly journal entries, 1 repair order and estimation assignment, 1 continued technician training assignment, 2 diagnostic case studies, 1 employer pre-evaluation, and 1 employer post-evaluation.

### Instructional Materials and Additional Supplies

Requires students have employment in an appropriate automotive business.

## Course Content

### General Learning Outcomes (GLOs)

- Reasoning and Inquiry: Students will demonstrate the ability to solve problems using deductive reasoning and logic, quantitative reasoning, or the scientific method.

### Course Segments and Student Learning Outcomes

| Course Segment | Learning Outcomes | Lecture Hours | Lab Hours | Clinical Hours |
|---|---|---|---|---|
| Participate in a supervised work experience in an approved workplace | 1. Document common repairs and diagnostics in the following areas: electrical and computer-controlled systems, engine repair, heating/air conditioning, brake/chassis systems, wheel alignment, and powertrains.<br>2. Review continued technical training opportunities available in the workplace. | 0 | 130 | 0 |
| Participate in diagnostic strategies for vehicle repair | 1. Assemble two vehicle diagnostic case studies to demonstrate understanding and execution of strategy-based diagnostics. | 0 | 14 | 0 |
| Awareness of common service shop procedures including estimation, part sourcing, and operation of computer-based repair order systems | 1. Demonstrate ability to assemble a written or electronic estimate for vehicle repairs.<br>2. Demonstrate understanding of vehicle component and part sourcing for vehicle repairs.<br>3. Demonstrate understanding of shop management systems, including computer-based systems when applicable. | 0 | 6 | 0 |

### Total Contact Hours

| Lecture Hours | Lab Hours | Clinical Hours |
|---|---|---|
| 0 | 150 | 0 |