

CUYAMACA COLLEGE OFFICIAL COURSE OUTLINE

AUTOMOTIVE TECHNOLOGY 190 – ASSET – ORIENTATION, PDI AND LUBRICATION

1 hour lecture, 3 hours laboratory, 2 units

Catalog Description

Introduction to the Ford sponsored ASSET program. Students will become familiar with dealership operations, vehicle pre-delivery inspection, and proper lubrication of the various systems of the modern automobile. Complemented by required work experience in the dealership.

Prerequisite

None

Course Objectives

Students will be able to:

- 1) Acquire safe working habits
- 2) Develop an understanding of dealership operations
- 3) Become skillful at vehicle pre-delivery inspection
- 4) Understand lubricants and properly service related systems

Special Materials Required of Student

- 1) Mechanic's hand tool set
- 2) Approved safety glasses
- 3) Training vehicles

Minimum Instructional Facilities

- 1) Auto tech lab (6 bays)
- 2) Ford training software
- 3) Lubrication servicing equipment
- 4) Automotive transparencies and filmstrips, audiovisual equipment

Course Content

- 1) Lecture:
 - a. Introduction and safety
 - b. Dealership operations overview
 - c. Pre-delivery inspection procedures
 - d. Lubricants used in modern automobiles
 - e. Proper lubrication of vehicle
- 2) Lab:
 - a. Introduction and safety
 - b. Laboratory procedures
 - c. Equipment operation
 - d. Pre-delivery inspections
 - e. Lubrication service

Method of Instruction

- 1) Lecture and demonstration
- 2) Individual assistance

Method of Evaluation

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Quizzes, exams (multiple choice, fill-in, true-false, short essay)
- 2) Observation of student work

- 3) Inspection of work completed
- 4) Hands-on performance exam

Texts and References

- 1) Required: None
- 2) Supplemental: None