

Lake Superior College

ASTE 2400: Suspension and Steering Repair

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers the theory, history, and repairs of various steering and suspension systems using coil springs, leaf springs, torsion bars, McPherson struts, and modified struts. It also covers operation and repairs to various steering systems. (Prerequisites: ASTE1400) (1 hr lec/4 hrs lab/0 hrs OJT)

B. COURSE EFFECTIVE DATES: 07/01/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. 01
2. 01
3. 01
4. 01
5. 01
6. 01

D. LEARNING OUTCOMES (General)

1. describe various customer complaints related to steering or suspension components
2. analyze steering or suspension system complaints
3. repair steering or suspension systems
4. analyze steering column complaints
5. repair steering column complaints
6. describe basic hydraulic principals

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted