

AUT-45 — FORD AUTOMOTIVE CHASSIS SYSTEMS MLR

About This Course

4.00 units

Prerequisite: None.

Description: This course presents the principles of operation, diagnosis, and repair of the brake system, the suspension and steering system, and the climate control system. The course content includes hydraulic, mechanical, and electronic operation and repair, as well as brake system overhaul and service operations. Additionally, it presents the fundamentals of suspension and steering system operation and repair, including base and electronically controlled systems. Wheel alignment service and tire balancing will also be covered. Furthermore, the course will include climate control fundamentals. Emphasis will be placed on the diagnosis of brake system concerns, as well as the diagnosis of steering and suspension system performance concerns, and climate control concerns using Ford testing methods and equipment. 54 hours lecture and 54 hours laboratory.(Letter grade or Pass/No Pass option.)