

Maintenance and Light Repair III (MLR III)

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Hours: 7:30 am to 3:30 pm

Planning 9:00am to 9:50 am

Course Description

The Maintenance and Light Repair III (MLR III) course prepares students for entry into Maintenance and Light Repair IV. Students study and service suspension and steering systems and brake systems. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

Program of Study Application MLR III is the third course in the Automotive Maintenance and Light Repair program of study and covers important skills and knowledge on becoming a professional service technician. For more information on the benefits and requirements of implementing these programs in full, please see the program of study description documents found on the Transportation, Distribution, and Logistics website at <https://tn.gov/education/article/cte-cluster-transportation-distribution-logistics>

Standards/ Objectives:

All Standards and Objectives may be for at:

http://tn.gov/assets/entities/education/attachments/cte_std_mlr_3.pdf

Topics:

- Safety procedures in the shop working with steering and suspension components
- Working as a team member
- Disable and enable Supplemental restraint system
- Power steering fluid types and servicing
- Rack and pinion steering and components
- Power steering pumps operations and repairs
- Inspections and replacement of tie rod ends
- Inspections and replacements of upper and lower ball joints
- Inspections and replacements of strut/shock absorbers.
- Stabilizer bars
- Leaf springs and components
- Pre alignment inspections

Assignments:

- There will be checks for understanding daily. Quiz's and Testing will be giving as they progress through the online course chapters.
- Grading: Can be found in the CCBOE policy.

