

Maintenance and Light Repair IV (MLR IV)

Instructor: James Carter

Email: james.carter.chestercountyschools.org

Office Phone: 731-989-8132

Hours: 7:30 am to 3:30 pm

Planning 9:00am to 9:50 am

Course Description

The Maintenance and Light Repair IV (MLR IV) course prepares students for entry into the automotive workforce or into post secondary training. Students study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills. 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 IV is the fourth, and final, 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, & Logistics website at

<https://tn.gov/education/article/cte-cluster-transportation-distribution-logistics>

Standards/objective:

Standards and objectives may be found at http://tn.gov/assets/entities/education/attachments/cte_std_mlr_4.pdf

Topics:

- Shop safety in a real industry environment
- Automotive heating and air conditioning
- Testing and servicing engine performance issues
- Automatic transmission and trans axle servicing
- Manual transmission and trans axle servicing
- Work ethic and soft skills

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.**