

Suspension and Steering

Course Information Suspension and Steering addresses the theory, operations and troubleshooting of various steering and suspension system components.

Developers: Diesel Technology State Curriculum Committee

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Business & Industry Liaisons: Randy Kemper, Cummins Central Power, Wichita; John Logan, MHC Kenworth, Salina; Anthony Dahl, Foley Equipment, Topeka

Credit Hours: 3

Course Competencies:

Students will be able to:

1. Identify steering systems
2. Diagnose steering systems
3. Repair steering systems
4. Identify suspension systems
5. Diagnose suspension systems
6. Repair suspension systems
7. Diagnose total vehicle alignment
8. Adjust total vehicle alignment
9. Interpret wear patterns
10. Diagnose problems of frame & coupling devices
11. Repair frame & coupling devices
12. Adjust frame & coupling devices