
SECTION HEADING

DSL 1142: Heating and Air Conditioning Systems

Description

Heating and Air Conditioning Systems analyzes cab heating and ventilation systems used in all types of units used in the industry today as well as servicing and repair of the system for comfort of in-cab climate. The course discusses concerns that need to be addressed when making repairs to the heating and air conditioning system.

Credits

3

Topics to be Covered

1. Air conditioning components.
2. Heating systems
3. Electrical operation
4. Temperature control

Learning Outcomes

1. Discuss the operation of air conditioning systems
2. Illustrate how heating and ventilation systems work together and on their own
3. Diagnose and repair heating and ventilation systems
4. Practice reclaiming and recharging of air conditioning systems according to EPA standards
5. Explain flushing procedures in heating and air conditioning systems
6. Determine system cycle events

Credit Details

Lecture: 1

Lab: 2

OJT: 0