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## SESSION

### Air Conditioning Tips & Techniques

#### DESCRIPTION

Course skill level: Intermediate to advanced - In this HVAC class, we will look at new developments in systems designs, controls, service techniques and tools. Each year, the manufacturers face stricter regulations regarding emissions and fuel economy and improving the efficiency of HVAC systems is a big part of their response. The next refrigerant, r1234yf is being used in more vehicles and you will need to be prepared for diagnosis and service of these systems. The electronic controls for HVAC have become more complex and need to be part of your diagnostic process. We will show you how these systems work, what goes wrong, and how to complete a successful repair. Be ready to help your customer stay comfortable in their vehicle. After completing this class, a technician will be able to:

- Identify new technologies and their impact on HVAC
- Properly replace HVAC components
- Perform correct HVAC service
- Diagnose cooling fan and airflow issues
- Diagnose in-car HVAC controls

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**Educator: TBA**