



## 2.9, 3.6 CC3 Training Agenda

Version: 12.0.0

After completing this 30 hour course and online prerequisites, the student will have gained a thorough understanding of the T/C/D2.2, 2.9, and 3.6 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.

### Day 1

- **Pretest**
- **Prerequisites**
  - Cylinder arrangement and numbering
  - Obtaining engine datasheets
  - Obtaining literature
  - Obtaining wiring schematics
  - Obtaining job cards
  - Obtaining Serdia 2010
- **Fluid requirements**
  - Coolant requirements
  - Lube oil requirements
  - Fuel requirements
  - DEF requirements
- **Mechanical**
- **Fuel system**
  - System overview
  - Component function

## Day 2

- **Fuel system (continued)**
  - Component function (continued)
  - Troubleshooting
- **Exhaust Gas Recirculation (EGR)**
  - System overview
  - Troubleshooting
- **Diesel Particulate Filter (DPF)**
  - Soot load
  - Ash load
  - Regeneration overview
  - Passive regeneration
  - Active regeneration
  - Troubleshooting
- **Selective Catalytic Reduction (SCR)**
  - System overview

## Day 3

- **Selective Catalytic Reduction (SCR) (continued)**
  - Troubleshooting
- **Electronic governing**
  - ECU power supply
  - ECU communication
  - Harness overview
- **Hands-on**
  - Serdia 2010

## Day 4

- **Hands-on (continued)**
  - Serdia 2010
  - Circuit testing
- **Post test**
  - Test review