

# VW / AUDI ENGINES 4

*WITH CAMERON CONOVER*



**Date:**

10-01-2023

**Time:**

8:00am-5:00pm

**Location:**

Holiday Inn  
Two Montgomery Village Ave,  
Gaithersburg, MD 20879  
(301) 948-8900

**Cost:**

\$325

**Class ID:**

SEM1803

**WTI**   
WORLD PAC Training Institute®

## ***VW/AUDI 4 CYLINDER (EA888) ENGINES***

- Camshaft Bridge Issues on 4-Cyl. Engines
- Water Pump Failures & Proper Repair
- Timing Chain & Tensioner - Issues, Repair Techniques, Tools & Proper usage
- Direct Injection Fuel System Operation & Evolution
- Turbocharger - Diagnosis & Effective Fixes for Boost DTCs
- Audi Valve Lift System - Components & Operation
- Variable displacement Oil pump - Design, Function & Testing
- Innovative Thermal Management Strategy (Gen3)
- VCDS and Scan Tool Navigation & Use, including

## ***AUDI FORCED INDUCTION 'V' MOTORS***

- Engine Layout, Geometry & HSI configuration
- Oil Consumption Issues & Spark Plug Tube Oil Leaks
- Secondary Air Injection System Maintenance
- Supercharger Maintenance, Hot V turbochargers, Integrated Exhaust manifold
- Lifter Roller Failure
- Vacuum Boost Control and Why
- EVAP system, Venturi Suction-Jets
- New Gear Driven Engine Timing
- Thermal Management - Components & Operation