



# MERCEDES-BENZ ENGINES v5.0

WITH JOHANN CHUA



- M276, M278, M270 and M274 Engine Design & Operation
- 2-Stage Chain Drive System - Checking and Adjusting Timing
- Direct Injection Fuel System - High and Low Pressure Circuits
- Fuel Pumps and Injectors - Operation, Diagnosis and Repair Solutions
- Multispark Ignition System - Design and Operation
- Crossflow Cooling System and Electronically Controlled Thermostat - Map Control Process
- ECO Start Stop - Component Overview and Function
- M278 Charge Air System Troubleshooting
- M177 AMG 4.0L V8 Bi-Turbo Camtronic - A Glimpse Down the Performance Road

**SUNDAY • 12/7/25**  
**8:00 AM - 5:00 PM**

**CLASS ID: SEM1962**  
**\$385 USD / STUDENT**



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