HELLA ACADEMY #HMEAEM

Engine Management

Engine Management



Conducted by: **Aydin Almassian**

Practical information:

Duration: **2 days**

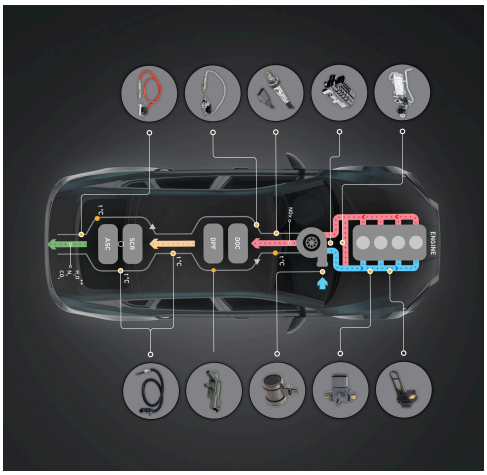
Off-site: **Showroom No. S3B2SR02**

1490 AED

Maximum **6 participants**

Fill out the form, and our team will be in touch shortly!

Course description



Understand how engine management systems work and build the skills to diagnose common engine performance issues. This practical course explores how sensors, actuators, and electronic control units work together to manage fuel injection, ignition, air intake, and exhaust systems. Through hands-on workshop exercises, you'll learn to interpret engine data and signals, analyse faults, and follow a structured diagnostic approach with greater confidence.

Target group

Automotive mechanic, automotive electrician, automotive mechatronics technician, automotive master mechanic

Learning goals

- Understand engine management system fundamentals
- Identify key sensors, actuators, and control units
- Interpret engine data and signals
- Diagnose common engine performance issues
- Apply a structured diagnostic approach

Course content

- Engine management basics
- Sensors & actuators
- Fuel injection systems
- Ignition systems
- Air intake & exhaust management
- ECU functionality
- Diagnostics & fault analysis
- Practical workshop exercises

What's included

14901 AED plus VAT, includes:lunch, participant documents,coffee, certificate



Your trainer

Aydin Almassian

Aydin Almassian has over 20 years of experience in the automotive industry, with a specialization in the aftermarket and diagnostics. Since 2019, he has played a key role in the development and expansion of Hella's Electric/Electronic products. Currently, as Product specialist and Technical Manager at Hella Middle East FZE, Aydin Almassian oversees these products while continuously driving innovation and technical excellence in the region.In addition, Aydin Almassian played a pivotal role in the launch, development, and ongoing management of the Hella Gutmann Academy at Hella Middle East. Under his direction, the academy provides specialized training in diagnostics, ADAS (Advanced Driver Assistance Systems) and calibration, helping to advance the skills and knowledge of automotive professionals.Within 5 years at Hella Middle East, Aydin Almassian remains committed to strengthening the company's leadership in both product development and technical expertise, ensuring that Hella continues to be a key player in the evolving automotive industry.

Master the heart of the Engine

Dive into the world of engine management and discover how precision control powers performance, efficiency, and reliability.Inquire Now!

Enquire now