HELLA ACADEMY #HMEAAE-1

Automotive Electricity - Advanced

Automotive Electricity



Conducted by: **Aydin Almassian**

Practical information:

Duration: **2 days**

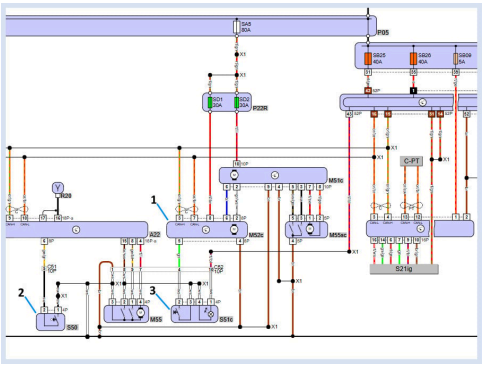
Off-site: **Showroom No. S3B2SR01**

1490 AED

Maximum **6 participants**

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

Course description



Take your diagnostic skills further by learning to measure and interpret electrical signals with an oscilloscope. This practical course helps you understand signal patterns, identify irregularities, and troubleshoot electrical faults in modern vehicles. Through workshop exercises, you'll build the confidence to use signal analysis within a structured diagnostic process, helping you work more accurately and save valuable time.

Target group

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

Learning goals

- Understand core electrical principles
- Read and interpret wiring diagrams
- Use multimeters and diagnostic tools
- Identify and troubleshoot electrical faults
- Apply a structured diagnostic approach

Course content

- Electrical fundamentals
- Components & circuits
- Battery & charging systems
- Starting systems
- Wiring diagrams
- Sensors & actuators basics
- Electrical diagnostics
- Practical workshop exercises

What's included

1490 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.

Boost Your Expertise – Just a Click Away!

Step into the world of automotive electricity and discover what keeps modern vehicles running at their best.From fundamentals to advanced insights—we've got you covered.

Enquire now