HELLA ACADEMY #HMEATMAC

Thermal Management: Air Condition

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Conducted by: **Aydin Almassian**

Practical information:

Duration: **2 days**

Off-site: **Showroom No. S3B2SR04**

1490 AED

Maximum **6 participants**

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

Course description



Gain a clear understanding of automotive air conditioning and develop practical skills for everyday workshop tasks. This course explains the refrigeration cycle and how mechanical and electrical components work together to deliver effective cooling. Through hands-on exercises, you'll learn to assess system performance, service A/C systems, and diagnose common faults using a structured approach.

Target group

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

Learning goals

- Understand thermal management & A/C system fundamentals
- Identify key A/C components and their functions
- Interpret cooling cycle and system performance
- Diagnose common A/C faults
- Apply a structured diagnostic approach

Course content

- Thermal management basics
- A/C system components
- Refrigeration cycle
- Compressors, condensers & evaporators
- Sensors & control systems
- A/C diagnostics & servicing
- Fault detection & troubleshooting
- 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.

Elevate Your Expertise in Thermal Management (A/C Systems)

Dive into thermal management and air conditioning systems and discover how modern vehicles maintain perfect temperature and efficiency.Inquire Now!

Enquire now