

KnowHy₂

Specialisation modules



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Specialisation modules

- ⚙️ **Automotive and Material Handling Sector**
- ⚙️ **H2 Production and Handling**
- ⚙️ **Micro Fuel Cells**
- ⚙️ **CHP and MicroCHP**
- ⚙️ **Fuel cell based generators**



H2 Production and Handling

- ⚙️ FHa and IST
- ⚙️ H2 production methods
- ⚙️ H2 storage methods
- ⚙️ H2 purification techniques
- ⚙️ H2 distribution
- ⚙️ Handling of hydrogen
- ⚙️ Codes and standards



Micro Fuel Cells

- UoB and EP
- Introduction to micro fuel cells
- Micro fuel cell components
- Maintenance and troubleshooting
- Safety aspects



CHP and MicroCHP

- ⚙️ TUD and TUM
- ⚙️ CHP background
- ⚙️ Fuel supply, handling and infrastructure
- ⚙️ Overview of CHP design and components
- ⚙️ CHP troubleshooting
- ⚙️ CHP maintenance, diagnostics and failure analysis



Fuel cell based generators

- ⚙️ EP and TUM
- ⚙️ Auxiliary power unit (APU) principles
- ⚙️ Fuel cell APU fundamentals
- ⚙️ Balance of plant components
- ⚙️ APU system layout design and safety aspects



Any questions?

