

VITALIS Internship Car Mechanics

For students of:

- Car Mechanics
- Mechatronics
- Electrics
- Metal Processing
- Electronics



Learning Outcomes

- Maintenance work according to specifications, using circuit and function diagrams, reading out error memories and documenting the work steps
- Customer complaints, establish diagnostic routes and detect damage or malfunctions in vehicle systems
- Prepare motor vehicles for legally required tests, check their roadworthiness and operational safety, document defects and initiate measures to eliminate them
- How to testing, assess and repair power units, including engine management systems, exhaust systems, auxiliary units, power transmission and body systems
- How to retrofit systems, components and circuits for signal processing for optical transmission systems and motor vehicles with wireless signal transmission systems

Focal Points and Tasks

- Decommissioning and commissioning of vehicle technology systems, maintenance and inspection of vehicles and systems according to specifications, performing service tasks
- Testing, dismantling, replacing and assembling simple assemblies and systems, repairing assemblies and systems
- Measuring and testing systems, diagnosing faults and malfunctions in vehicles and systems
- Tests on vehicles in accordance with legal requirements, diagnosing and rectifying malfunctions

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