

VITALIS Internship E-Buggy Construction

For students of:

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



Learning Outcomes

- Most important metal materials and basic manual metalworking techniques, e.g. chipping, sawing, filing or bending, mechanical metalworking techniques e.g. drilling, milling, grinding or turning
- How to read technical drawings and tables, how to make simple sketches, transfer measurements to the workpieces
- What the basic terms of standardisation are, how to operate testing and measuring tools
- Operate and monitor machine tools, maintain and care for machines, equipment and tools
- Select machine tools according to workpiece requirements and the manufacturing processes
- Define and set production parameters in relation to the workpiece and material
- Test and prepare, assemble and disassemble components and assemblies in compliance with their function, according to technical documents for assembly and disassembly

Focal Points and Tasks

- Basic exercises in metalworking, e.g. welding, forging
- Basic exercises in sheet metal working and finishing
- Basic exercises in parts manufacturing, assembling of parts
- Connecting electronic parts
- Care and maintenance of machines, tools, measuring instruments and other work equipment

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