

VITALIS Internship Mechatronic

For students of:

- IT & Computer
- Mechatronics
- Electronics
- Electrics
- Informatics



Learning Outcomes

- Select tools and measuring instruments, taking into account the accuracy of machining of workpieces, use tools and measuring instruments for manual processing
- Soldering of electronic parts, perform work in the field of manual and mechanical processing
- Perform the wiring of various components according to technical diagrams
- Technical documentation of machines and equipment, define settings and parameters for the task
- Carry out quality checks on the work performed, perform tool maintenance
- To plan the dismantle equipment according to the technical documentation
- Use PLC software layout

Focal Points and Tasks

- Metalworking (base plate)
- 3D printing and prototyping (print traffic lights), construction the printer and parts if necessary
- Electronics (sensors, resistors, indicators)
- Assembly and wiring of elements and assemblies
- Programming the PLC (various tasks possible)
- Commissioning & fault analysis

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