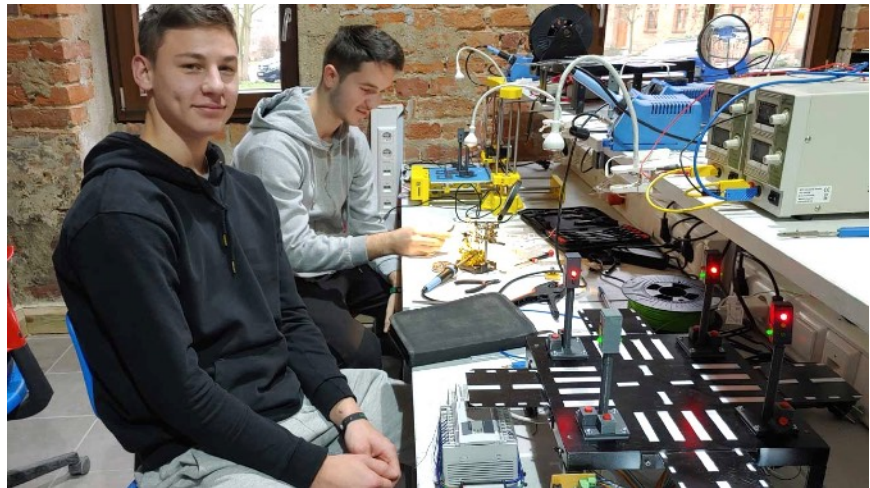


VITALIS Internship PLC Programming

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, to use tools and measuring instruments for manual processing
- Perform soldering of electronic parts, perform work in the field of manual and mechanical processing
- Use technical documentation of machines and equipment
- Carry out quality checks on the work performed
- Define the most important settings and parameters for the task
- Plan the dismantle equipment according to the technical documentation, use PLC software layout
- Perform the wiring of various components according to technical diagrams

Focal Points and Tasks

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

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