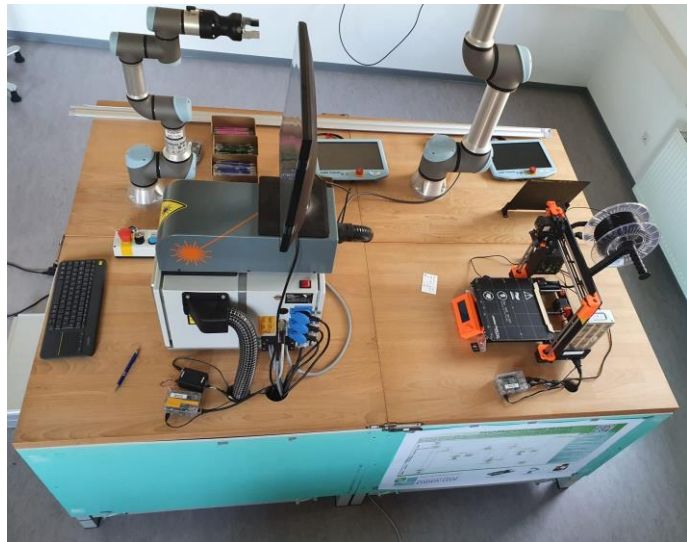


Technical Project (Master) or Bachelor Thesis (group project)

Development, set up, and production of a new Product for the Lab 4.0 learning factory using a 3D-Printer, Laser engraver, and possible manual work steps. The product must be a suitable standard product that can be individualized and used at fairs/ marketing events.



Project Tasks

- Design and production of a new product for the Lab 4.0 learning factory
- Collection of frame bendings, requirements, and creation of the process flow for the product
- Setup production in the ERP System (Transfact and SAP), write the scripts with Python, and teach Cobots, etc.
- Production of some customer individual, low cost, composable product with reference to the University.
- Plan and control the project according to project fundamentals.

Field of Study

- M&D, IBS (for Bachelor thesis)
- Mechanical Engineering (Master project)

Qualification

- High interest in the topic
- First experience with Python or other programming languages
- First experience with 3D Printer and Modeling Programs
- First experience with ERP Systems

Contact

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