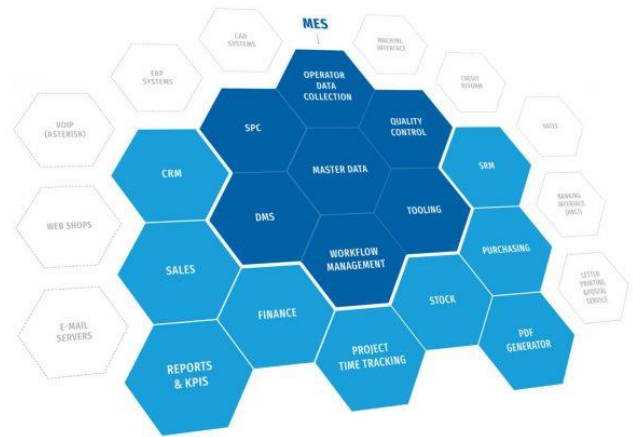


Technical Project (Master) or Bachelor Thesis

Development of teaching units for the Transfact ERP system as part of the Sustainable Product Development in Mechanical Engineering degree program

Development and implementation of teaching materials for the Transfact ERP system, specifically geared towards the Nachhaltige Produktentwicklung im Maschinenbau. The new teaching units should build on existing materials for SAP and offer similar content in a structured and application-orientated form.



Project Tasks

- Analysing existing teaching materials for SAP to identify transferable content and methods.
- Development of specific teaching modules for the Transfact ERP system so that a production system for the manufacture of a specific product in series production is possible
- Creation of didactic concepts that promote independent learning and the application of what has been learned in practical contexts.
- Extract the relevant data from the ERP system

Field of Study

- M&D, IBS (for Bachelor thesis)
- Mechanical Engineering (Master project); MTM/MBIDA

Qualification to improve (or to gain)

- In-depth knowledge of the use and application of ERP systems, particularly Transfact.
- Didactic skills for the creation of teaching materials and curricula.
- Enhanced programming skills (possibly SQL, Python) and technical understanding of system integrations.

Contact

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