

Courses in English Course Description

| | |
|--------------------------------|--|
| Department | 03 Mechanical, Automotive and Aeronautical Engineering |
| Course title | Mechanical Engineering Project |
| Hours per week (SWS) | 3 |
| Number of ECTS credits | 5 |
| Course objective | The development of a product in a project setting will be accomplished. These projects might be close to industry, student competitions, or research projects. Presentations, preliminary, and detail design reviews, and technical report writing will be accomplished. Students will lead the project. Hardware should be built. |
| Prerequisites | 4 Semesters of engineering studies, project specific knowledge |
| Recommended reading | |
| Teaching methods | Course lecture and laboratory |
| Assessment methods | Exam according to the legal framework of the degree program in which this course is offered. Approved aides for the examination will be published by means of the examination announcement: Project Thesis. |
| Language of instruction | English |
| Name of lecturer | Prof. Lutz von Schwerin |
| Email | markus.von_schwerin@hm.edu |
| Link | |
| Course content | <ul style="list-style-type: none">• Project planning• Project management• Systems Engineering• Planning of resources• Interpretation of request for proposals• Interpretation of competition rules and/or collaboration agreements• Report writing• Test plan development• Creation of operating manuals and procedures• Safety manuals |
| Remarks | |