

Courses in English Course Description

Department	03 Mechanical, Automotive and Aeronautical Engineering
Course title	Mechanical Engineering Project
Course number	
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	