Course code MABB432W Module coordinator Miniam Heinrich Lecturer Prof. DrIng. Hirsch Bachelor Recommended Recommended Project Mechanics, Machine Elements, Design Methods, CAD, prerequisites Type of course Weekly lecture hours (SWS) ECTS credits 3 Workload Assessment (grading; pass/fall) Regular cycle Language of instruction Contents: The students apply their theoretical knowledge acquired in previous courses to an actual complex task. In this context, they have to consider design guidelines and the design and layout requirements set in DIN and VDI standards. In order to fulfil their tasks, they have to form teams and determine a time plan they have to comply with during the course of the project. The progress of the project is reviewed periodically in milestone meetings. After having successfully completed the course, the students should • be able to design a complex assembly or machine in consideration of function, load, stress and fatigue, • have improved their capability to work in a team, • be able to use evaluation criteria, • have learned to defined benchmarks (milestones) for an effective time management. Teaching methods Recommended reading Additional information Additional information The qualification of all participants will be checked in a short examination. Pre-condition for offering the Design Execise 2 is a team of at least 4 qualified students.	Course title	Design Exercise 2
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