

## 2.7.2 Project

<b>Project</b>
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<b>Module Summary</b>
Module code: EEIB720
Module coordinator: Prof. Dr. Manfred Strohrmann
Credits (ECTS): 7 Points
Semester: 7. Semester
Pre-requisites with regard to content: Knowledge of the modules of semesters 1-4
Pre-requisites according to the examination regulations: Regarding to the examination regulations no pre-requisites are required
Competencies: The participants can independently work on a task in small groups and <ul style="list-style-type: none"> <li>• understand the task and develop the technical implementation in a solution-oriented manner</li> <li>• implement the project with all technical designs and ideally simulate and test it</li> <li>• learn to work together in the team structure</li> <li>• write the documentation as a scientific paper</li> <li>• present the work and discuss questions</li> </ul> <p>in order to be able to work out and implement a task in a team systematically and in a targeted manner in professional practice.</p>
Assessment: Written Project documentation
Usability: In contrast to the bachelor thesis, the project work takes place within a group of students and under the guidance of a professor.

<b>Course: Project</b>
Module code: EEIB721
Lecturer: All professors of the faculty
Scope of weekly semester hours (SWS):
Semester of delivery: Winter semester
Type/mode: Project during the semester, implementation at the University
Language of instruction: English
Content:

The content of the project work results from the ongoing research projects and is individually designed differently from semester to semester. The topics result from the course of study. The following tasks are carried out in the team:

- Recognize and describe problems
- Formulate objectives
- Draw time and project plans
- Research through literature and expert surveys
- Interdisciplinary processing of the task
- Formulate and discuss work results in project meetings
- Implementation, development and construction of project templates in cooperation with the workshop or development of program parts, solution approaches, etc.
- Create a project folder with project documentation
- Prepare a technical report
- Present the final result in the final presentation and answer questions

Recommended reading:

- Hering, L; Hering, H: Technische Berichte, Vieweg, 2003, 4. Auflage