

Faculty	4 - Electrical Engineering and Computer Science
Course Title	Project
Number of ECTS credits	12
Semester	Bachelor (Summer Semester)
Course objective	<p>On successful completion of the module the students will be able to</p> <ul style="list-style-type: none"> • Understand the life cycle of an IT-development project from informal requirements to implementation • Prepare a plan for the team project showing milestones and deliverables • Produce deliverables on time as part of a larger team effort • Test and integrate to form a software product • Prepare a report on the work undertaken in the project • Give a demonstration of the software produced • Understand the benefits and requirements of team development • Understand the mechanisms and dynamics of effective team participation • Provide constructive criticism to team members working within the group and apply personal criticism received in a constructive manner to enhance the final solution.
Prerequisites	<p>Students have to know object-oriented programming. They should be familiar with database management systems, operating systems and internet technologies. As the concrete topic of the project changes from year to year we do not fix specific requirements or recommendations. Instead these are presented in the project announcement.</p>
Recommended reading	See specific announcements
Language of instruction	English and German (bilingual class)
Course content	<p>The module provides students with experience that closely approximates a real-world commercial project. Students will analyse, design, develop, implement and test an application using a formal structured approach. The module enables students to develop confidence in being able to work and contribute as part of a team.</p>