Courses in English
Course Description

Department 07 Computer Science and Mathematics
Course title Software Engineering II
Hours per week (SWS) 4
Number of ECTS credits 5
Course objective Advanced Software Engineering
Prerequisites Software Engineering I
Recommended reading Optional and as revision: Sommerville, Software Engineering 9, International Edition
Teaching methods Lecture, practical teamwork
Assessment methods Journal during the course, presentation at end
Language of instruction English
Name of lecturer Dr. Christian Kaiser
Email ckaiser@hm.edu
Link
Course content The course puts the theoretical concepts of Software Engineering I into a practical context. The students will assume the role of developers working as external software consultants for a customer. They will conduct a software development project as a team from specifying the requirements (and winning the contract!) via deciding on the architecture and technology right up to the final customer presentation. Along the way, the teams have to organise themselves and ensure processes for quality control etc. True to the agile approach used in this course the students also need to constantly interact with the customer and adjust to changing conditions.
Remarks Students should be familiar with the basic concepts of software engineering and the software lifecycle. They must be willing to work in teams and produce all course documents in English.