



Project Management – Innovation, Quality, Success (taught in English)

Fach-Nr.: AW-0 0 4680.M

Lecturer: Prof. Dr.-Ing. Oliver Mayer

ECTS-Credits: 5
(1 ECTS = 30 h)

Workload: 150 h (approx. 60 class and 90 independent study)

Contact hours (SWS): Blocked seminar (two weekends)

Learning objectives:

- a) Subject-related qualification objectives
Students are familiar with various methods of preparation, planning, implementation and monitoring of projects and their application in practice; they are practised in management techniques and can assume the role of project leader; they know how to select aids and tools of project planning and how to implement them in a targeted manner; they can motivate and lead a team; they are able to assess further developments in methodology and review and implement them based on their practical uses; Students shall be familiar with innovation management. They shall be aware of the key terms, the principles behind them.
- b) Interdisciplinary qualification objectives
The knowledge presented is applicable in all technology areas
Skills in methods and tools for project planning and project control

Content: Knowledge in basics of project management and innovation management covering the different project processes

- Introduction
- Strategic aspects of project management
- Project characteristics:
- Project processes
- Definition
- Planning
- Execution
- Closing
- Conflict management / motivation / soft skills



Language of instruction: English

Requirements: English level B2

Material/Literature:

- A guide to the Project Management Body of Knowledge, PMI - Project Management Institute
- Controlling von Projekten, Rudolf Fiedler, Vieweg + Teubner Verlag
- Project 2007 - Grundlagen der Projektverwaltung, RRZN / Herdt Verlag
- Projektabwicklung, Burkhard Klose, Ueberreuter Verlag

Participants: Max. 20

Examination: Written exam and project work