

<b>Module number</b> 23	<b>Module title</b> Project Work	
<b>Code</b> PJM/PJA	<b>Number of WSH</b> 4	<b>Module offered</b> Every semester
<b>Module coordinator</b> Prof. Dr. Thomas Falter	<b>Tuition type</b> Seminar-style tuition	<b>Module duration</b> 1 Semester
<b>Lecturers</b> Prof. Dr. Thomas Falter Team of Lecturers	<b>Compulsory/Elective</b> Compulsory	<b>Module language</b> English

### **Learning outcomes**

The qualification goals mentioned below are subdivided into three dimensions. Each dimension corresponds to a target competence level. The following competence levels have been defined:

- Competence level 1 (awareness): cursory awareness of simple structures, only previously learned knowledge is tested
- Competence level 2 (comprehension): basic understanding of multiple structures up to deeper understanding of the relations between structures, learned knowledge is analysed, combined and applied
- Competence level 3 (deep understanding and application): deeper understanding of the relations between structures up to independent transfer and extension of knowledge to new structures, learned knowledge is critically questioned and/or evaluated, interrelations between structures and their consequences are reflected and explained

The competence level of the respective qualification goal is represented by the corresponding number (1, 2 or 3) in the competence descriptions below.

#### Subject skills

The students have detailed specialist knowledge based on the knowledge acquired in the course of study (3). They can classify the meaning and characteristics of project work, work out project phases and recognize the connection with milestones (2). Students are able to implement and interpret project results (3). They have the competence to be able to solve acceptance problems when introducing quality management measures (3).

#### Social skills

The students experience group work in solving individual tasks and are able to present results (3). They are able to provide constructive criticism of results and have discussion skills as well as the ability to work in a team (2).

#### Method skills

The students master methods of project work and can create a project plan as well as evaluate its results (3).

#### Personal skills

Students are aware of the consequences of goal-dependent decisions (3).

**Content**

Implementation of a practice-oriented organizational project in a team, in which the methods and skills of project management are trained and reflected upon. The project is divided into the following project phases/topics:

- Project definition
- Stakeholder analysis
- Project planning (WBS)
- Project planning (Time planning)
- Project controlling
- Risk & Chance analysis
- Configuration & Change Management
- Management of Project Communication

The described contents are learned with AI generated lectures (2h/week) and the possibility to meet experts every week virtually for 8 weeks. After the 8 weeks the students write an exam. After that the students participate in a one day workshop. In this workshop they get a specific work instruction per topic in a team and present the results in the event.

**Literature**Required reading

Juventa, Wolfgang Antes, Projektarbeit für Profis: Praxishandbuch für moderne Projektarbeit

Recommended reading

Burghardt, Manfred, Einführung in Projektmanagement: Definition, Planung, Kontrolle und Abschluss

Burghardt, Manfred, Projektmanagement

Jenny, Bruno, Projektmanagement

RKW, Projektmanagement Fachmann

**Teaching and learning methods**

Self learning with 8 AI generated learning units (explanation of basic content, individualized examples, answering 5-10 questions regarding the basic content and getting feedback to the answers.

Meet the expert sessions (2h /week) to clarify open questions regarding the content of the week.

Applying the theoretical knowledge in a one day workshop in project team and presenting the results.

Individual literature work

**Type of examination/Requirements for the award of credit points**

Portfolio exam:

-Written exam (60 minutes) without aids (50%)

-Presentation of work results in the 1day workshop (50%)

**Other information**

Registration necessary.

<b>ECTS-Credits</b> 5	<b>Workload</b> 150 hours Contact/attendance time: 30h/20h Additional work: 100 h
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