

<i>Module</i>	<i>Unit</i>	<i>Semester</i>	<i>CPs/SWS</i>	<i>Language</i>
PB28 Infrastructure Project 1	PB28-1 Infrastructure Project 1	P6 SS+WS	7/4	German English

<i>Lecturer</i>	Prof. Dr.-Ing. Heckeke and Prof. Dipl.-Ing. Veigele plus two more lecturers
<i>Prerequisites</i>	Successful completion of the first part of studies and at least 7 out of the 9 modules PB08 to PB16 (see study and exam regulations § 28, para. 3 Project Management/Civil Engineering)
<i>Teaching format</i>	<input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Project work <input type="checkbox"/> Tutorial <input checked="" type="checkbox"/> Work in a team <input type="checkbox"/> Laboratory <input type="checkbox"/> Miscellaneous
<i>Learning objective (knowledge, skills, competencies)</i>	The students possess the competence to the work independently on an engineering task from the area of infrastructure (energy, environment, traffic, water) in a team. They are able to structure the set project task, to appropriately process subtasks in groups and combine the results for a holistic solution. They can make use of the knowledge gained in the previous semesters for solving the specific task and are able to independently deepen their expert knowledge. They can document and appropriately present results.
<i>Contents</i>	<ul style="list-style-type: none"> ▪ Structure and process organisation ▪ Working out procedural or facility-specific planning ▪ Cost-planning and scheduling ▪ Resource planning ▪ Comparisons of variants and procedures and their holistic evaluation ▪ Analysis of legal aspects and requirements ▪ Preparation and implementation of meetings and presentations ▪ Creating written documents (minutes, memos, reports)
<i>Exam prerequisite</i>	No exam prerequisite
<i>Exam</i>	<input type="checkbox"/> Written exam <input type="checkbox"/> Oral exam <input checked="" type="checkbox"/> Coursework with colloquium submission
<i>Workload</i>	Attendance: 90.0 h Independent project work: 117.0 h Colloquium submission: 3.0 h
<i>Forms of media</i>	<input checked="" type="checkbox"/> Projector/Laptop <input type="checkbox"/> Blackboard <input type="checkbox"/> Script <input checked="" type="checkbox"/> Miscellaneous
<i>Literature</i>	<i>Project-specific literature</i>
<i>Last changed</i>	27.02.2015