

DEPARTMENT OF CIVIL ENGINEERING
COURSE SYLLABUS

Course Details				
Code	Academic Year			Semester
BAU40	4			1
Title	T	A	L	ECTS
Project II	1		4	8
Language	German			
Level	Undergraduate	✓	Graduate	Postgraduate
Department / Program	Civil Engineering			
Forms of Teaching and Learning	Formal			
Course Type	Compulsory	✓	Elective	
Objectives	<p>The central qualification goal is the application of the knowledge acquired in previous studies in a multidisciplinary design team and the joint acquisition and testing of communication skills, teamwork and presentation techniques.</p>			
Content	<p>The topics are announced at the beginning of the semester and are worked on independently in groups. The basic project consists of a course during the semester, which forms the framework for the project. Contents of this course are among others:</p> <ul style="list-style-type: none"> - Introduction to the project (tasks, boundary conditions etc.) - Basics of project management - Communication in the project (working with the project communication system) <p>The students present the results of their work and the project-specific problems in presentations. In these lectures, project-specific problems are to be dealt with. Excursions will also take place as required. The actual project work takes place in groups. The size of the groups depends on the tasks. It must be ensured that communication takes place both within the group working on a sub-project and between the superordinate teams/groups. For communication, i.e. the exchange of information (e-mail or other documents, drawings etc.), a computer-supported project workspace is provided. The results of the project work are presented in final presentations.</p>			
Prerequisites				
Coordinator				
Lecturer(s)				
Assistant(s)				
Work Placement				
Recommended or Required Reading				
Books / Lecture Notes				
Other Sources				
Additional Course Material				

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Documents			
Assignments			
Exams			
Course Composition			
Mathematics und Basic Sciences			%
Engineering			%
Engineering Design			%
Social Sciences			%
Educational Sciences			%
Natural Sciences			%
Health Sciences			%
Expert Knowledge			%
Assessment			
Activity	Count	Percentage (%)	
Midterm Exam	1	20	
Quiz			
Assignments			
Attendance			
Recitations			
Projects	1	30	
Final Exam	1	50	
	Total	100	
ECTS Points and Work Load			
Activity	Count	Duration	Work Load (Hours)
Lectures	14	5	70
Self-Study	14	4	56
Assignments			
Presentation / Seminar Preparation	14	3	42
Midterm Exam			
Recitations			
Laboratory			
Projects			
Final Exam	1	2	20
	Total Work Load		188
	ECTS Points (Total Work Load / Hour)		8 ECTS

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Learning Outcomes	
1	In this module students are introduced to the tasks of civil engineering practice in a multidisciplinary and holistic way
2	The central qualification goal is to apply the knowledge acquired in previous studies in a multidisciplinary design team and to jointly learn and test communication skills, teamwork and presentation techniques.
3	On the basis of concrete building plans and construction projects (e.g. industrial hall as a timber, steel or reinforced concrete structure), they gain an overview of the people involved in construction, their tasks and forms of organization, the distribution of decision-making authority and responsibility, the diverse relationships between the design, execution and use of buildings and natural systems, the technical, social, economic, legal and financial aspects of construction - including gender aspects - as well as the relationships to other disciplines.
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WeeklyContent	
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15							
Contribution of Learning Outcomes to Program Objectives (1-5)							
	P1	P2	P3	P4	P5	P6	P7
1							
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11							
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Contribution Level	1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High						
Compiled by:							
Date of Compilation:							