

DEPARTMENT OF CIVIL ENGINEERING
COURSE SYLLABUS

Course Details				
Code	Academic Year			Semester
BAU101	1			Fall
Title	T	A	L	ECTS
Introduction to Civil Engineering	2	-	-	2
Language	German			
Level	Undergraduate	✓	Graduate	Postgraduate
Department / Program	Civil Engineering			
Forms of Teaching and Learning	Formal			
Course Type	Compulsory	✓	Elective	
Objectives	Get to know the different areas and methods of civil engineering			
Content	The students get to know different areas of civil engineering such as geotechnical engineering and hydraulic engineering. Introduction to computer-aided modeling in civil engineering. Working with different unit systems.			
Prerequisites	-			
Coordinator				
Lecturer(s)				
Assistant(s)				
Work Placement				
Recommended or Required Reading				
Books / Lecture Notes	Harald Nahrstedt Excel + VBA für Ingenieure: Programmieren erlernen und technische Fragestellungen lösen, Springer Vieweg; Auflage: 5., überarb. u. erw. Aufl. 2017 (5. Mai 2017)			
Other Sources				
Additional Course Material				
Documents	-			
Assignments	-			
Exams	-			
Course Composition				
Mathematics und Basic Sciences				%
Engineering	50			%
Engineering Design				%
Social Sciences				%

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Educational Sciences			%
Natural Sciences			%
Health Sciences			%
Expert Knowledge	50		%
Assessment			
Activity	Count		Percentage (%)
Midterm Exam	1		40
Quiz			
Assignments			
Attendance			
Recitations			
Projects			
Final Exam	1		60
		Total	100
ECTS Points and Work Load			
Activity	Count	Duration	Work Load (Hours)
Lectures	14	2	28
Self-Study			
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	1	1
Recitations			
Laboratory			
Projects			
Final Exam	1	2	2
		Total Work Load	31
		ECTS Points (Total Work Load / Hour)	2
Learning Outcomes			
1	The students know the different areas of civil engineering.		
2	Students are able to carry out basic physical calculations in metric and English units.		
3	The students learn the basic concepts of software development for civil engineering.		
4	Based on what they have learned, the students are able to familiarize themselves with other areas of civil engineering.		
Weekly Content			
1			
2			

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Contribution of Learning Outcomes to Program Objectives (1-5)

	P1	P2	P3	P4	P5	P6	P7
1	5	4	4				
2	5	4	4				
3	5	4	4				
4	5	4	4				
5	5	4	4				

Contribution Level 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High

Compiled by:

Date of Compilation: