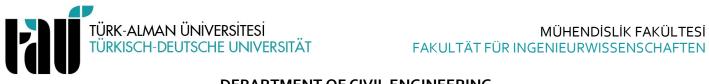


Course Details									
Code				Acade	emic Ye	ar	Semester		
BAU453				4	4		1-2		
Title					т	Α	L	ECTS	
Calculation for 3D Civil Engineering Application				1	2	2	6		
Language	German								
Level	Undergraduate $\checkmark$ Graduate					F	ostgra	duate	
Department / Program	Civil Engineering								
Forms of Teaching and Learning	Formal								
Course Type	Compulsory	Compulsory			Elective			$\checkmark$	
Objectives	The aim of the course is to develop the students' ability to model 3D thinking and applications in civil engineering								
Content	Create 3D design Creation of soil models with computer programs One-dimensional models Two-dimensional models Three-dimensional models								
Prerequisites									
Coordinator									
Lecturer(s)									
Assistant(s)									
Work Placement									
Recommended or Required R	eading								
Books / Lecture Notes									
Other Sources									
Additional Course Material									
Documents									
Assignments									
Exams									
Course Composition									
Mathematics und Basic Sciences									%
Engineering	%					%			
Engineering Design									%
Social Sciences									%



		COURSE 31	LEADOJ			
Educational Scie	nces			%		
Natural Sciences	5			%		
Health Sciences			%			
Expert Knowled	ge		%			
Assessment						
Activ	/ity	Cou	Percentage (%)			
Midterm Exam		1	40			
Quiz						
Assignments						
Attendance						
Recitations						
Projects						
Final Exam	Final Exam 1			60		
	Total			100		
ECTS Points an	d Work Load					
Activ	/ity	Count	Duration	Work Load (Hours)		
Lectures		14	5	70		
Self-Study		14	3	42		
Assignments						
Presentation / Seminar						
Preparation Midterm Exam		1	2	10		
Recitations		<b>1</b>	۷	10		
Laboratory						
Projects						
Final Exam		1	2	15		
		137				
	Total Work Load 137   ECTS Points (Total Work Load / Hour) 6 ECTS					
Loorning Outor	mos					
Learning Outco		can model two and three din	nensions			
1	The students can model two and three dimensions.					
2	Students can use finite element programs.					
3						
4						
5						
6						
7						
1						



8								
9								
10								
11								
12								
WeeklyConten	t							
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
Contribution o	f Learning Out	comesto Prog	ram Objective	s (1-5)				
	P1	P2	P3	P4	P5	P6	P7	
1								
2								
3								
4								
5								
6 7								
8								
9								
10								
11								
12								
Contribution Level		1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High						



Compiled by:	
Date of Compilation:	