

Course Details									
Code				A	Academic Year			Semester	
BAU204				2	2			Spring	
Title						Α	L	ECTS	
Structural Analysis II						1	1	6	
Language	German								
Level	Undergraduate	duate 🗸 Graduate				F	ostgra	duate	
Department / Program	Civil Engineering								
Forms of Teaching and Learning	Formal								
Course Type	Compulsory		$\checkmark$			Elective			
Objectives	To learn the theoretical basics and calculation methods of classical statics with regard to statically in determinate bar structures.								
Content	Introduction to the calculation of statically indeterminate systems Force measurement method State lines of statically indeterminate beams and frame structures. Calculation of truss systems. Displacement method Lines of influence of statically indeterminate systems.								
Prerequisites									
Coordinator									
Lecturer(s)	Asst. Prof. Dr. Celal Çakıroğlu								
Assistant(s)	Uğur Günay								
Work Placement									
Recommended or Required Reading									
Books / Lecture Notes	Baustatik 2: Berechnung statisch unbestimmter Tragwerke5. Oktober 2015von Raimond Dallmann								
Other Sources									
Additional Course Material									
Documents									
Assignments									
Exams									
Course Composition									
Mathematics und Basic Sciences	%								
Engineering						%			



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Engineering Design				%			
Social Sciences			%				
Educational Science	s			%			
Natural Sciences				%			
Health Sciences			%				
Expert Knowledge				%			
Assessment							
Activity		Cou	Percentage (%)				
Midterm Exam							
Quiz							
Assignments							
Attendance							
Recitations							
Projects							
Final Exam							
			100				
ECTS Points and Work Load							
Activity		Count	Duration	Work Load (Hours)			
Activity Lectures		Count 14	Duration 5	Work Load (Hours) 70			
Activity Lectures Self-Study		<b>Count</b> 14 14	Duration 5 3	Work Load (Hours) 70 42			
Activity Lectures Self-Study Assignments		<b>Count</b> 14 14	Duration 5 3	Work Load (Hours) 70 42			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation	inar	Count 14 14	Duration 5 3	Work Load (Hours) 70 42			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam	inar	Count 14 14 14	Duration           5           3	Work Load (Hours) 70 42 10			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations	inar	Count 14 14 14 14 1	Duration           5           3           2	Work Load (Hours) 70 42 10			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory	inar	Count 14 14 14 14 1	Duration           5           3           2	Work Load (Hours) 70 42 10			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory Projects	inar	Count 14 14 14	Duration           5           3           2	Work Load (Hours) 70 42 10			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory Projects Final Exam	inar	Count 14 14 14 14 14 1 1 1 1 1 1 1 1 1 1 1 1	Duration           5           3           2           2           2           2	Work Load (Hours) 70 42 10 10 15			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory Projects Final Exam	inar	Count 14 14 14 14 1 1 1 1 1 1 1 1 1 1 1 1 1	Duration           5           3           2           2           2           2           2           2           2           2           2           3           3	Work Load (Hours) 70 42 10 10 15 137			
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Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory Projects Final Exam Learning Outcom 1	22S	Count 14 14 14 14 1 1 1 1 1 1 1 1 ECTS Pc	Duration         5         3         -         2         -         2         2         2         2         1         2         2         3         4         5         5         3         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         2         1         1         1         1         1         1         1         2         3         3         3         3         3         3         3         3         3	Work Load (Hours) 70 42 10 10 15 137 6			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory Projects Final Exam Leearning Outcore 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	225	Count 14 14 14 14 14 1 1 1 1 1 1 1 1 ECTS Pc	Duration   5   3   1   2   2   2   Total Work Load   ints(Total Work Load / Hour)	Work Load (Hours) 70 42 10 10 15 137 6			
Activity Lectures Self-Study Assignments Presentation / Semi Preparation Midterm Exam Recitations Laboratory Projects Final Exam Learning Outcore 1 2 3 4	225	Count 14 14 14 14 14 1 1 1 1 1 1 1 1 ECTS Pc	Duration         5         3         1         2         2         2         1         2         1         2         1         1         1         2         1         1         1         2         1         1         1         2         1         1         2         1         2         1         2         1         2         1         3	Work Load (Hours) 70 42 10 10 15 137 6			



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Contribution of Learning Outcomes to Program Objectives(1-5)							
	P1	P2	P3	P4	P5	P6	P7
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Contribution Level         1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High								
Compiled by:								
Date of Compilation:20.04.2021								