

DEPARTMENT OF CIVIL ENGINEERING  
COURSE SYLLABUS

Course Details						
Code			Academic Year		Semester	
ISG001			4		Fall	
Title			T	A	L	ECTS
Occupational Health and Safety I			2			2
Language		German				
Level		Undergraduate	✓	Graduate		Postgraduate
Department / Program		Civil Engineering				
Forms of Teaching and Learning		Formal				
Course Type		Compulsory	✓	Elective		
Objectives		Students gain an understanding of the basic terms relating to occupational safety, the duties of the engineer and the manager. The ability to communicate with a specialist for occupational safety is trained.				
Content		The module is based on practical examples in occupational safety introduced. The following topics are particularly relevant: 1) Basic terms of occupational safety 2) Risk factors 3) Accident prevention procedures 4) Health protection 5) Fire and explosion protection				
Prerequisites						
Coordinator						
Lecturer(s)						
Assistant(s)						
Work Placement						
Recommended or Required Reading						
Books / Lecture Notes		„Praxishandbuch Arbeitssicherheit: Rechtliche und technische Grundlagen, Praktische Umsetzung, 60 Checklisten“, Christian Mag. (FH) Bayer und Andrea Mag. Schwarz-Hausmann MBA LL.M				
Other Sources		Lecture Notes				
Additional Course Material						
Documents						
Assignments						
Exams						
Course Composition						

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Mathematics und Basic Sciences			%
Engineering			%
Engineering Design			%
Social Sciences			%
Educational Sciences			%
Natural Sciences			%
Health Sciences			%
Expert Knowledge			%
Assessment			
Activity	Count		Percentage (%)
Midterm Exam			
Quiz			
Assignments			
Attendance			
Recitations			
Projects			
Final Exam			
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	Students gain an understanding of the basic terms relating to occupational safety, the duties of the engineer and the managerial staff.		
2	Ability to communicate with an occupational safety specialist		

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**Weekly Content**

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

	P1	P2	P3	P4	P5	P6	P7
1							
2							
3							
4							
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6							
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11							
12							
Contribution Level		1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High					
Compiled by:							
Date of Compilation:							