

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Industrial safety				
Head of course	Kristina Dundović, Lecturer				
Study programme	Professional undergraduate study Occupational Safety				
Status of a course	Obligatory				
Year of study	3.	Semester	V	ECTS credits	5
Teaching plan (L + E + S+ Pr)	2+0+2				
Goals of a course					
Introduce students to the dangers, damages and efforts in industry (mechanical hazards, electrical hazards, biohazards, fire and explosion hazards, thermal hazards) and occupational safety measures and rules to eliminate these hazards.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
Outcome 5: Recommend measures to eliminate or reduce danger, damage and effort. Outcome 8: Organize a system of prescribed procedures and documents in the field of occupational safety. Outcome 14: Determine legislation and standards covering occupational safety. Outcome 16: Identify safety factors in the industry Outcome 1: Apply legislation in the industry and process industry.					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Identify the basic elements of a plant with a description of the basic occupational safety rules. 2. Assess the level of risk based on hazards, noxiousness and efforts in the industry. 3. Recommend measures to eliminate or reduce the risk level by applying basic and specific occupational safety rules. 4. Organize the system of documentation necessary to implement occupational safety. 5. Link the norms and standards applied in the industry with the aim of improving occupational safety. 					
Content of a course					
Fundamentals of occupational safety. Main hazards, noxiousness and workload in industry (mechanical hazards, electrical power hazards, biological hazards, fire and explosion hazards, technical hazards). Production processes, technological processes. Main hazards, measures and occupational safety regulations for technological processes. Technological processes of assembling and overhauling. Main hazards, measures and occupational safety regulations. Occupational safety organization in industry, legislative occupational safety regulations, company in-house documents on occupational safety. Improvement of occupational safety in industry, improvement of technology of craftsmanship. Systems of health control and safety at work.					
Teaching modes	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> auditory exercises <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> distance learning <input type="checkbox"/> field classes		<input checked="" type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratory <input type="checkbox"/> supervisor's work <input type="checkbox"/> other _____		
Comments					
Students' obligations					
Grading, evaluation and monitoring of students' work continuously during lectures and exams					

Grading is based upon evaluation of course's learning outcomes' adoption. Grading is performed continuously during lectures and/or during exam, in compliance with the provisions of Regulation on the assessment of students.

Continuous check-up:

Outcomes	Seminar work	Presentation of seminar work	Test	Threshold	Max
Outcome 1			20 %	10 %	20 %
Outcome 2	15 %	5 %		10 %	20 %
Outcome 3	15 %	5 %		10 %	20 %
Outcome 4	15 %	5 %		10 %	20 %
Outcome 5	15 %	5 %		10 %	20 %
Percentage of ECTS	3	1	1	-	-
Total	60 %	20 %	20 %	50 %	100 %

A student has passed the exam if he has acquired a percentage of credits for each learning outcome higher or equal to defined threshold.

Exam term:

Outcomes	Written exam	Oral exam	Max
Outcome 1	20 %		20 %
Outcome 2	20 %		20 %
Outcome 3		20 %	20 %
Outcome 4	20 %		20 %
Outcome 5	20 %		20 %
Percentage of ECTS	3	2	
Total	80 %	20 %	100 %

A student has passed the exam if he has acquired a percentage of credits for each learning outcome higher or equal to defined threshold.

Grading:

A student has passed the exam if he has acquired at least 50% of anticipated credits of a specific learning outcome.

If a student has passed learning outcomes of all courses, the accomplished credits (percentages) of all passed learning outcomes are being added, while the final grade is defined upon following table:

Range of credits (percentages)	Numerical grade	ECTS grade
90,00 – 100,00	Excellent (5)	A
75,00 – 89,99	Very good (4)	B
60,00 – 74,99	Good (3)	C
50,00 – 59,99	Sufficient (2)	D
0,00 – 49,99	Insufficient (1)	F

Obligatory literature

1. Zakon o zaštiti na radu, N.N. br. 71/14., 118/14., 94/18. i 96/18.
2. Internal materials chosen by the course holder

Additional literature

1. Rules from occupational safety areas

