

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Risk assessment and protection planning				
Head of course	Zlatko Perić, Lecturer				
Study programme	Specialist professional graduate study Occupational Safety				
Status of a course	Obligatory				
Year of study	1.	Semester	II	ECTS credits	6
Teaching plan (L + E + S+ Pr)	2+2+0+0				
Goals of a course					
Introduce students to basic measures in prevention at work. Identify options for applying preventive measures in occupational safety and familiarize students with tools that can be used to address occupational safety issues.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 1: Plan preventive measures in occupational safety.</p> <p>Outcome 2: Apply appropriate tools and devices in the process of implementing occupational safety measures.</p> <p>Outcome 3: Create safety solutions using legislation at regional and national level.</p> <p>Outcome 8: Create internal acts in the field of occupational safety on the basis of legislation.</p> <p>Outcome 14: Determine workplace requirements from the occupational safety aspect.</p> <p>Outcome 16: Organize occupational safety in different business entities.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Distinguish basic concepts in risk assessment based on legislation. 2. Apply workplace risk assessment methodology. 3. Suggest risk management methods. 4. Assess the current state of safety and occupational safety with regard to the application of workplace measures 5. Assess hazardous situations for the creation of the documentation required to analyse the safety of the workplace with respect to the identified risks. 					
Content of a course					
Introduction: Existing legislation with which the obligations of owners and users are set in the planning and implementation of protection from fire and explosion. Urban planning and construction measures of fire protection. Technological measures of protection. The contents and production of threat assessment of legal entities and local government and administration. Methods of producing a threat assessment (buildings, building elements, local, regional and state levels). Dangers of fire, fire loading and planning measures of protection. The categorisation of buildings and their components in classes of threat. Prescribed and recommended measures of protection. Economic acceptability and cost-effectiveness study of taken measures, possible consequences. Control over measures of protection. The role of insurer and relations with the owner of a building or territory					
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	Pre-exam I	Pre-exam 2	Seminar work	Threshold	Max
Outcome 1	20 %			10 %	20%
Outcome 2	10 %			5 %	10%
Outcome 3		10 %	30%	20 %	40%
Outcome 4		20 %		10 %	20%
Outcome 5			10%	5%	10%
Percentage of ECTS	1,5	1,5	2%		
Total	30 %	30 %	40%	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	15 %	5 %	20%
Outcome 2	8 %	2 %	10%
Outcome 3	20 %	20 %	40%
Outcome 4	10 %	10 %	20%
Outcome 5	5 %	5 %	10%
Percentage of ECTS	2	3	
Total	53%	47%	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. Vazeca zakonska regulativa u području zaštite na radu u RH
2. ISO Standardi i priznate metode

Additional literature

