

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Personal protective equipment				
Head of course	Mensur Ferhatović, Lecturer				
Study programme	Professional undergraduate study Occupational Safety				
Status of a course	Obligatory				
Year of study	2.	Semester	IV	ECTS credits	4
Teaching plan (L + E + S+ Pr)	2+1+0+0				
Goals of a course					
Introduce students to legal regulations related to personal protective equipment and equipment, categorization of PPE, control and risk management and make a plan of risk control measures, introduce students to the methodology of designing the plan and procurement of PPE according to the risks involved by industry.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
Outcome 4: Evaluate protective measures with respect to danger encountered in the work process. Outcome 5: Recommend measures to eliminate or reduce danger, damage and effort. Outcome 7: Evaluate dangers, damage and effort. Outcome 14: Determine legislation and standards covering occupational safety.					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> Determine legislation regarding the use of personal protective equipment. Classify risks and propose personal protective equipment for the protection of the head, eyes, arms, legs and torso. Classify risks and propose personal protective equipment for the protection of airways, protection when working at altitudes and the protection of firefighters. Define the PPP procurement, distribution, maintenance and care plan and program. Describe an employee training plan for the use of PPE 					
Content of a course					
Organisational and technical methods in developing working areas, in shipbuilding in particular. Procurement, store keeping, maintenance and handling of personal protective equipment. A supervision system for personal protective equipment wearing. Protective equipment for: head, eyes and face, hearing, breathing, hands, legs, body, against ionised emission, against fall from heights and against drowning. Specific equipment in firefighting. Materials used for making personal protective equipment and conditions that the materials need to fulfil. Equipment testing.					
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	Test	Threshold	Max
Outcome 1			10%	20%	15%	30%
Outcome 2	30%				15%	30%
Outcome 3		20%			10%	20%
Outcome 4		10%			5%	10%
Outcome 5		10%			5%	10%
Percentage of ECTS	1	2	0,5	0,5		
Total	30 %	40 %	15 %	15 %	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	28%	2%	30%
Outcome 2	25%	5%	30%
Outcome 3	18%	2%	20%
Outcome 4	9%	1%	10%
Outcome 5	9%	1%	10%
Percentage of ECTS	3	1	
Total	90%	10%	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. Horvat,J.,Regent,A.: Osobna zaštitna oprema, Rijeka, 2009
2. Učilište vatrogastva i civilne zaštite DUZS
3. Dević, M.,: Osobna zaštitna sredstva, Zagreb,1983. Centar za informacije i publicitet

Additional literature

1. Zakon o zaštiti na radu, N:N, 71/14, 118/14, 154/14
2. Pravilnik o uporabi osobnih zaštitnih sredstava, N:N 39/06
3. Pravilnik o stavljanju na tržište osobne zaštitne opreme , N:N: 89/10
4. Pravilnik o sigurnosti i zdravlju pri uporabi radne opreme N:N: 21/08
5. Manufacturer's website

