

### DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	Safety in health care profession				
<b>Head of course</b>	PhD Željko Sesar, College Professor				
<b>Study programme</b>	Professional undergraduate study Occupational Safety				
<b>Status of a course</b>	Obligatory				
<b>Year of study</b>	3.	<b>Semester</b>	V	<b>ECTS credits</b>	5
<b>Teaching plan (L + E + S+ Pr)</b>	2+2+0+0				
<b>Goals of a course</b>					
Introduce students to the most common illnesses of healthcare and the possibilities of their prevention.					
<b>Conditions for enrolling course</b>					
No conditions					
<b>Learning outcomes on a level of a study programme which includes course</b>					
Outcome 7: Evaluate dangers, damage and effort. Outcome 16: Identify safety factors in the service industries.					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Describe the organization of healthcare in the Republic of Croatia.</li> <li>2. Identify the most common diseases of healthcare professionals with respect to exposure to physical, chemical and biological noxiousness's.</li> <li>3. Assess the obtained morbidity data.</li> <li>4. Assess the work efforts of healthcare professionals.</li> <li>5. Recommend prevention measures.</li> </ol>					
<b>Content of a course</b>					
Health care professionals' working conditions and tasks: stress conditions; standing position and problems with bones, joints, spine; lifting, carrying and transporting patients; accidents and injuries. Occupational hazards in medicine; physical: noise and vibrations; radiation – non-ionising (medical ultrasound, infrared rays, laser, micro-waves, magnetic resonance) and ionising (electromagnetic, corpuscular; X-rays, accelerators; primary and secondary radiation; radioactive materials: open and closed radiation sources); chemical: noxious and toxic substances, cytostatic, drugs, inhalation anaesthetics, liquid and compressed gasses, laboratory reagents and chemicals, chemical substances used for sterilisation and disinfection, acids and basis; biological: acute hepatitis B and C, HIV infection, TB, varicella, measles, rubella, mumps. Prevention: general and specific measures. Medical instruments and equipment. Working clothes and other personal protection facilities.					
<b>Teaching modes</b>	<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 _____		
<b>Comments</b>					
<b>Students' obligations</b>					
<b>Grading, evaluation and monitoring of students' work continuously during lectures and exams</b>					
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.					
<b>Continuous check-up:</b>					

Outcomes	Pre-exam I	Pre-exam 2	Seminar work	Threshold	Max
Outcome 1	5 %			2,5%	5%
Outcome 2	15 %		10 %	12,5%	25%
Outcome 3	15 %		5 %	10%	20%
Outcome 4		20 %	5 %	12,5%	25%
Outcome 5		20 %	5 %	12,5%	25%
Percentage of ECTS	2	2	1		
Total	35 %	40 %	25 %	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	5%		5%
Outcome 2		25%	25%
Outcome 3		20%	20%
Outcome 4		25%	25%
Outcome 5		25%	25%
Percentage of ECTS	0,5	4,5	
Total	5%	95%	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. Volner, Z.: Opća medicinska mikrobiologija s epidemiologijom i imunologijom
2. Mihaljević, F. i suradnici: Specijalna klinička infektologija

#### Additional literature

