

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Safety in transportation of goods and people				
Head of course	Erika Gržin, 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+2+0+0				
Goals of a course					
Introduce students to the legislation and basic safety factors for individual branches of traffic, with special emphasis on the transport of dangerous goods. Demonstrate procedures and possible measures for protection against traffic accidents and vibrations and acoustics in traffic.					
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 10: Participate in teamwork and present professional content in both Croatian and foreign languages in written and spoken form. Outcome 16: Identify safety factors in the service industries. Outcome 17: Apply legislation from the field of occupational safety for service activities. Outcome 18: Identify dangerous goods in goods traffic.					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> Describe the goals and measures of transport safety and security, as well as the dangers, noxiousness's and efforts present in transport. Identify key safety factors in individual branches of transport. Define preventive measures to reduce traffic accidents. Establish safety precautions when handling and transporting hazardous substances. Describe the impact and measures of protection against vibrational-acoustic phenomena in transport. 					
Content of a course					
Structure and complexity of transportation system. Safety and security in the transport process. Goals and regulations of traffic safety and security. Safety in road traffic. Legislative regulations on road traffic safety. Analysis of traffic accidents. Safety of goods and people in road traffic. Security factors in railroad traffic. Railroad traffic safety management. Unexpected events. Legislative regulations for railroad traffic safety. Safety of goods (cargo) and people in maritime traffic. Safety of the crew. Safety of the ship. Safety of the cargo. International conventions and Croatian legislation on safety in maritime traffic. Safety of airports, airport personnel, passengers and cargo. Hazardous materials in traffic. International regulations and Croatian legislation on hazardous materials transportation.					
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	Assignments	Threshold	Max
Outcome 1	6 %				3 %	6 %
Outcome 2	15 %		5 %	10 %	15 %	30%
Outcome 3	14 %				7 %	14%
Outcome 4		20 %		10 %	15 %	30 %
Outcome 5		17 %		3 %	10 %	20 %
Percentage of ECTS	1,5	1,5	0,5	1,5		
Total	35 %	37 %	5 %	23 %	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		6 %	6 %
Outcome 2	30 %		30 %
Outcome 3		14 %	14 %
Outcome 4	30 %		30 %
Outcome 5		20 %	20 %
Percentage of ECTS	3	2	
Total	60%	40 %	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

Additional literature

