

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Transport Logistics				
Head of course	Erika Gržin, Lecturer				
Study programme	Professional undergraduate study Telematics				
Status of a course	Obligatory				
Year of study	2.	Semester	III	ECTS credits	5
Teaching plan (L + E + S+ Pr)	2+0+1+0				
Goals of a course					
Introduce students to the basic logistical principles and characteristics of distribution, warehousing and individual branches of traffic. Identify opportunities for the application of information technologies in the field of transport logistics and introduce students to tools that can be used to solve logistics problems.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
Outcome 10: Analyse and implement an information system in the field of telematics. Outcome 14: Apply methods of organizing business systems and marketing of products and services in the context of entrepreneurship in telematics. Outcome 15: Participate in teamwork and independently present professional content in written and spoken form in Croatian and English.					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> Describe the basic features of logistics, distribution and storage Describe the supply chain management system Apply spreadsheets in solving logistics problems Identify opportunities for the application of information technologies in the field of transport logistics Determine the basic characteristics of products and services, and individual branches of transport 					
Content of a course					
An outline and explanation of terms and interdependence, as well as basic issues in the field of logistics, the flow of information and material resources; Entrepreneurial logistics: tasks, definition, limits, centres of logistics and their meaning; Organization and process control, order processing and disposition; Supply Chain Management: definition and basics, application of technology, electronic supply chain management, possibility of their use in companies; Supply Chain Execution: tasks and System Electronic Data Interchange in logistics: methods and standards, the use of XML. An outline and explanation of transport logistics: tasks, definition, limits; Transport services, business models, networks and organizations; The application of IT- system in transport logistics: systems of dispositions and orders, tour optimization, Tracking + Tracing, Bord - Computer - Systems on vehicles, communication of vehicles; an outline of the fleet of vehicles system, information system and fleet management, observing cost-benefit when applying fleet management system; a study of the use of cards for fuel in the fleet, cost-benefit EDI to transport logistics: standards and methods, application of XML					
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	24 %			6 %	15 %	30 %
Outcome 2	10 %				5 %	10 %
Outcome 3				14 %	7 %	14 %
Outcome 4		10 %	6 %		8 %	16 %
Outcome 5		24 %		6 %	15 %	30 %
Percentage of ECTS	1,5	1,5	0,5	1,5		
Total	30 %	30 %	6 %	34 %	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	25 %	5 %	30
Outcome 2	8 %	2 %	10
Outcome 3	14 %	0	14
Outcome 4	12 %	4 %	16
Outcome 5	25 %	5 %	30
Percentage of ECTS	4	1	
Total	83 %	17 %	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. Rogović, K., Stanković, R., Šafran, M.: Upravljanje logističkim sustavima, Veleučilište Velika Gorica, Velika Gorica, 2012.
2. Prester, J: Upravljanje lancima dobave, Sveučilište u Zagrebu, Zagreb, 2012.
3. Čišić, D.: Zbirka riješenih zadataka iz logistike, Pomorski fakultet u Rijeci, Rijeka, 2008.
4. Materials published on the course pages

Additional literature

1. Ivanković, Č., Stanković, R., Šafran, M.: Špedicija i logistički procesi, Fakultet prometnih znanosti, Zagreb, 2010.
2. Hlača, B.: Lučka logistika, Pomorski fakultet Sveučilišta u Rijeci, Rijeka, 2016.

3. Šamanović, J.: Prodaja, distribucija, logistika: teorija i praksa, Ekonomski fakultet, Split, 2009.

