

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Flow of Goods and Terminals				
Head of course	PhD Bojan Hlača, College Professor				
Study programme	Specialist professional graduate study Transport				
Status of a course	Obligatory				
Year of study	1.	Semester	I	ECTS credits	4
Teaching plan (L + E + S+ Pr)	2+0+1+0				
Goals of a course					
Introducing students to the basic features of the supply chain, commodity flows, ports and terminals.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 2: Apply international, European and national legislation in the implementation of technological and service processes in the field of road transport.</p> <p>Outcome 3: Apply economic solutions to transport systems while respecting the fundamental financial, marketing, ethical, management and other economic principles.</p> <p>Outcome 6: Create models of exploitation and maintenance of technical equipment in the transport system.</p> <p>Outcome 9: Use methods for optimizing technological processes in road/ railroad transport.</p> <p>Outcome 12: Manage organizational systems in road/ railroad transport.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Analyse supply chains and terminals in logistics systems. 2. Interpret the global supply chain and goods flows. 3. Analyse world goods flows. 4. Explain the concept of ports and terminals as intermodal and goods transport centres. 5. Explain the manner of operation of a global logistics operator and the choice of transport route. 6. Analyse the selection of container port by liner shipping companies. 					
Content of a course					
<p>International exchange of commodities; World maritime trade; Dynamics and structure of the flow of goods; World exporters of strategic raw materials and main shipping routes; Bulk freight; General cargo; Container and RO-RO transport; International maritime transport and ports; Port as a system; Logistic approach in defining the port system; Port infrastructure;</p> <p>Port superstructure; Port facilities and vessels; Organization of ports; Liquid cargo terminals; Container terminals; RO-RO terminals; Bulk cargo terminals; General cargo terminals; Passenger terminals.</p>					
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	Home assignment	Threshold	Max
Outcome 1	10%				5%	10%
Outcome 2	10%			2%	6%	12%
Outcome 3	10%		10%	2%	11%	22%
Outcome 4		10%	10%	2%	11%	22%
Outcome 5		10%	10%	2%	11%	22%
Outcome 6		10%		2%	6%	12%
Percentage of ECTS	1,5	1,5	0,5	0,5	-	-
Total	30%	30%	30%	10%	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	8%	2%	10%
Outcome 2	10%	2%	12%
Outcome 3	18%	4%	22%
Outcome 4	18%	4%	22%
Outcome 5	18%	4%	22%
Outcome 6	8%	4%	12%
Percentage of ECTS	3	1	
Total	80%	20%	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. Hlača, B.: **Lučka logistika**, Sveučilište u Rijeci, Pomorski fakultet, Rijeka, 2016.
2. Hlača, B.: **Terminali i robni tokovi**, skripta, autorizirana predavanja, 2006.

Additional literature

1. Branch, A.E.; **Global Supply Chain Management and International Logistics**, Taylor & Francis e – Library, New York, 2008.
2. Chung – Yee Lee, Qiang Meng; **Handbook of Ocean Container Transport Logistics**, The Hong Kong University of Science and Technology, National University of Singapore, Hong Kong, Singapore, 2015.
3. Bichou, K.; **Port Operations, Planning and Logistics**, Lloyds Practical Shipping Guides, Oxon, UK, 2013.
4. Burns, M.G, **Port Management and Operation**, Boca Raton U.S., 2015,
5. **CONTAINERISATION**, International Yearbook, 2016. – 2018.

