

### DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	<b>Flow of Goods and Terminals</b>				
<b>Head of course</b>	<b>PhD Bojan Hlača, College Professor</b>				
<b>Study programme</b>	<b>Specialist professional graduate study Transport</b>				
<b>Status of a course</b>	Obligatory				
<b>Year of study</b>	1.	<b>Semester</b>	I	<b>ECTS credits</b>	4
<b>Teaching plan (L + E + S+ Pr)</b>	2+0+1+0				
<b>Goals of a course</b>					
Introducing students to the basic features of the supply chain, commodity flows, ports and terminals.					
<b>Conditions for enrolling course</b>					
No conditions					
<b>Learning outcomes on a level of a study programme which includes course</b>					
Outcome 2: Apply international, European and national legislation in the implementation of technological and service processes in the field of road transport. Outcome 3: Apply economic solutions to transport systems while respecting the fundamental financial, marketing, ethical, management and other economic principles. Outcome 6: Create models of exploitation and maintenance of technical equipment in the transport system. Outcome 9: Use methods for optimizing technological processes in road/ railroad transport. Outcome 12: Manage organizational systems in road/ railroad transport.					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Analyse supply chains and terminals in logistics systems.</li> <li>2. Interpret the global supply chain and goods flows.</li> <li>3. Analyse world goods flows.</li> <li>4. Explain the concept of ports and terminals as intermodal and goods transport centres.</li> <li>5. Explain the manner of operation of a global logistics operator and the choice of transport route.</li> <li>6. Analyse the selection of container port by liner shipping companies.</li> </ol>					
<b>Content of a course</b>					
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; 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.					
<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.					

**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	-	-
<b>Total</b>	<b>30%</b>	<b>30%</b>	<b>30%</b>	<b>10%</b>	<b>50%</b>	<b>100%</b>

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	
<b>Total</b>	<b>80%</b>	<b>20%</b>	<b>100 %</b>

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.



