

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Transport Economics				
Head of course	PhD Drago Pupavac, College Professor				
Study programme	Specialist professional graduate study Transport				
Status of a course	Obligatory				
Year of study	1.	Semester	II	ECTS credits	5
Teaching plan (L + E + S+ Pr)	2L+2S				
Goals of a course					
Getting acquainted with the specifics of the transport service and the traffic market, factors of the economic functioning of the traffic, various methods of economic evaluation of the construction of the transport infrastructure, evaluation of the investment project, as well as familiarization with the methodology and procedure of preparing a feasibility study to understand and understand the economic system.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 1: Apply traffic models and methods when designing a traffic plan.</p> <p>Outcome 2: Apply international, European and national legislation in the implementation of technological and service processes in the field of railroad 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 4: Offer solutions for transport system planning based on sustainable development principles.</p> <p>Outcome 5: Manage and lead road/ railroad transport development activities.</p> <p>Outcome 12: Manage organizational systems in road/ railroad transport.</p> <p>Outcome 13: Manage communication and collaboration processes in different social groups in the field of transport.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Evaluate the importance of transport as an economic activity 2. Evaluate macro-transformations of transport management 3. Manage and lead transport development activities. 4. Practically apply and present tariffs in order to determine the price of transport services 5. Critically evaluate contemporary transport phenomena 6. Manage transport supply and transport demand 7. Apply transport demand forecasting models 					
Content of a course					
Theoretical determinants of a modern transport system. Important feature of transport economics and of transport market. Relevant features of European transport market. Transport and economic development theories. Transport demands. Transport regulation. Transport policy. Expenses and production rate in transport. Calculation and tariffs in transport system. Parameters of efficiency and business operation stability of transport enterprises. Modern phenomena in transport.					
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 1	Pre-exam 2	Seminar work	Assignments	Threshold	Max
Outcome 1	7		2	2	6	11
Outcome 2	7		3	3	7	13
Outcome 3	7		3	3	7	13
Outcome 4	9		2	2	7	13
Outcome 5		10	3	3	8	16
Outcome 6		10	3	3	8	16
Outcome 7		10	4	4	9	18
Percentage of ECTS	1,5	1,5	1	1		
Total	30	30	20	20	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	9	2	11
Outcome 2	11	2	13
Outcome 3	10	3	13
Outcome 4	10	3	13
Outcome 5	14	2	16
Outcome 6	12	4	16
Outcome 7	14	4	18
Percentage of ECTS	4	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. Pupavac, D. (2009). Načela ekonomike prometa, Veleučilište u Rijeci, Rijeka.
2. Pupavac, D. (2017). Prometna ponuda i prometna potražnja, Veleučilište u Rijeci, Rijeka.
3. Novack, R., Gibson, B., Suzuki, Y. (2019). Transportation, 9th edition, Cengage Learning,

Additional literature

1. Zelenika, R. (2010). Ekonomika prometne industrije, Ekonomski fakultet u Rijeci, Rijeka.
2. Rodrigue , J., et al. (2009). The Geography of Transport Systems, Routledge, New York.
3. Mallard, G, and Glaister, S, Transport Economics, Palgrave, Macmillan, 2008.
4. Čavrak, V. Makroekonomski management i strategija prometa Hrvatske, Politička kultura, Zagreb, 2003.
5. Čavrak, V, Ekonomika prometa, Škola za cestovni promet, Zagreb, 2001.

