

NAME OF THE COURSE		TRANSPORT ECONOMICS					
Code	EUEB03	Year of study	3				
Course teacher	Associate professor Blanka Šimundić, PhD Prof. Željko Mrnjavac Associate professor, Lana Kordić, PhD	Credits (ECTS)	5				
Associate teachers	Assistant Professor Zvonimir Kuliš	Type of instruction (number of hours)	L	S	AE	LE	DE
			26	26			
Status of the course	elective	Percentage of application of e-learning	40%				
COURSE DESCRIPTION							
Course objectives	The main objectives of the course are to provide students with the skills and abilities to understand the functioning of the transport system, contemporary issues in transport activities and the role of the policy in optimizing solutions in the transport system						
Course enrolment requirements and entry competences required for the course	Prerequisites are regulated by the Statute of the Faculty and the Ordinance on study and study.						
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>Learning outcome: Summarize theoretical and empirical approach in analysing the functioning of the transport system and effectively communicate the development trends and measures/activities aimed at optimizing transport system contemporary issues.</p> <p>Specific learning outcomes : The student will be able to:</p> <ol style="list-style-type: none"> 1. Identify the interdependence of economic and transport activities 2. Analyse financial, economic and social viability of infrastructure and transport services and mobility 2. Comment the transport infrastructure role in economic development from different points of view 3. Analyse and interpret the contemporary issues and approaches in transport and tourism, i.e. synergy between transport and tourism systems 4. Identify and comment current transport policy measures in accordance with economic theory and international economic practice 						
Course content broken down in detail by weekly class schedule (syllabus)	Week	Lectures		Exercises:			
		Topic	Hours	Topic	Hours		
		1	Introduction to Transport economics and logistics systems	2	Role of seminars/projects and their assignment to student groups	2	
		2	Transport System in the economy	2	Introduction to the cost-benefit analysis of transport infrastructure investment projects	2	
3	Transport and location: impact on spatial development and economic activities	2	The structure of CBA report: 1. Introduction	2			

	4	Analysis of transport demand: factors, elasticity, and models	2	The structure of CBA report: 2. Project Identification	2
	5	Externalities, public supply, and marginal cost pricing in transport	2	The structure of CBA report: 3. & 4. Feasibility and option analysis and demand analysis Assignment: presentation of chosen seminar/theme by group or individual student	2
	6	Modal transport: demand, prices, investments, planning, and regulation (land, air, water)	2	Exercise 1: Analysing of first three steps in given feasibility study for road transport infrastructure investment Assignment: presentation of chosen seminar/theme by group or individual student	2
	7	Urban transport and mobility	2	The structure of CBA report: 5. Financial analysis Assignment: presentation of chosen seminar/theme by group or individual student	2
	8	Transport, tourism, and economic development	2	Exercise 2: Analyzing and grading of four steps in given feasibility study for road transport infrastructure investment Assignment: presentation of chosen seminar/theme by group or individual student	2
	9	Logistics, new technologies, and sustainable development in transport	2	The structure of CBA report: 6. and 7: Economic analysis and Risk analysis Exercise 2: Analyzing the first 5 steps of given feasibility study for road transport infrastructure investment	2
	10	Economics of shared mobility and platform economy in transport	2	Exercise 2: Analyzing all and grading of five steps in given feasibility study for road transport infrastructure investment	2
	11	Transport infrastructure in Croatia: analysis and perspectives	2	Exercise 2: Final analysis of the complete CBA report in given feasibility study for road transport infrastructure investment	2
	12	Investments and financing in transport: trends and challenges	2	Assignment: presentation of CBA results for chosen feasibility study by different student groups	2

	13	Global challenges to transport strategy and policy / Transport policy of Croatia and the European Union	2	Assignment: presentation of CBA results for choosen feasibility study by different student groups	2
Format of instruction	X lectures X seminars and workshops X exercises <input type="checkbox"/> <i>on line</i> in entirety X partial e-learning x field work		X independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory X work with mentor <input type="checkbox"/> (other)		
Student responsibilities	<ul style="list-style-type: none"> - Active in-class participation. - Students are required to present in oral form the individual/group assignments. - During the semester, the attendance to the course lectures and seminars is recorded. - The evaluation of student's activity is through the grading scale of seminar/project works together with the activities on project forums/assignments. - The requirements for a signature are: class attendance (50% of lectures and exercises) positively evaluated one seminar work, presentation of seminar topic, finished and uploaded project report and performed financial and economic analysis of a project. 				
Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Class attendance	1	Research		Practical training
	Experimental work		Report		Group work in the class (Other)
	Essay		Seminar essay	0,5	(Other)
	Tests	2	Oral exam	1	(Other)
	Written exam	1	Project	1,5	(Other)
Grading and evaluating student work in class and at the final exam	<p>Students during the semester have to do three tasks in in individual or group work:</p> <ul style="list-style-type: none"> - exhibit seminar work within the exercise class (depending on the student's preference seminar work can be group or individual) on the assigned topic - carry out CBA analysis in form of project task with the presentation of the results (the project task is individual or group work which implies the cost analysis and benefits analysis of investment in the road transport infrastructure) - write one test <p>The total final student's success is calculated on the basis of the weighted results achieved by the tasks:</p> <ul style="list-style-type: none"> - The average grade of the passed test (minimum 50 % of correct answers) is multiplied by a weight of 0.5, - The average grade of the CBA analysis and the presentation of the results is multiplied by a weight of 0,3 - The average grade of the seminar presentation is multiplied by the weight 0,2. <p>Attending the final exam is obligatory for students who haven't past the test during semester. The final exam is in oral and written form, and final success grade is formed as follows:</p> <ul style="list-style-type: none"> - the average grades from written and oral exams are multiplied by 0,3 - the average grade from the devoted project task and the presentation of the results is multiplied by a weight of 0,3 and - the average grade from the seminar presentation is multiplied by 0,1. <p>Grading scale: <50 points = Insufficient, 50-63 = Sufficient, 64-77 = Good, 78-89 = Very Good and 90-100 = Excellent.</p>				

	Title	Number of copies in the library	Availability via other media
Required literature (available in the library and via other media)	Prentice, B.E., Prokop, D. 2016. Concepts of Transportation Economics. World Scientific Publishing Company. ISBN 9814656186.	1	
	Button, K. 2022. Transport Economics, 4th edition, Edward Elgar Publishing. ISBN-10:1786435683.	1	
	Pašalić, Ž.: Promet i gospodarstveni razvoj: Prilozi teoriji i politici gospodarstvenog razvoja Hrvatske, Sveučilište u Splitu, Ekonomski fakultet, 2012.	10	
	Page, S.J. (2009.). Transport and Tourism: Global perspectives, third edition, Pearson Education Limited, Harlow, England.		Merlin
	PDF materials from the lectures available at the Course website		Merlin
Optional literature (at the time of submission of study programme proposal)	<ul style="list-style-type: none"> - Button, K.: Transport Economics, 3rd ed. Chaltenham, MA: Edwar Elgar, 2010. - Cowie, J. 2010. The Economics of Transport: A Theoretical and Applied Perspective. Routledge: NY. ISBN 0-203-87410-2. - Cole, S.: Applied Transport Economics, Kogan Page, London and Sterling VA, 2006. - Selected available scientific articles on specific topics. - Official web sited of collected statistical information: http://hrcak.srce.hr/, www.ijf.hr, www.hgk.hr, www.dzs.hr, www.hnb.hr; www.vlada.hr; http://epp.eurostat.ec.europa.eu/, www.worldbank.com; 		
Quality assurance methods that ensure the acquisition of exit competences	<p>Registering students' attendance and success in carrying out of their duties (lecturer).</p> <p>Monitoring lectures and practice sessions (Vice Dean for academic and student affairs).</p> <p>Students' Performance analysis in each course (Vice Dean for academic and student affairs).</p> <p>Student questionnaire on the quality of lecturers and lessons for each course (University of Split, Quality Assurance Centre)</p> <p>Examination is used as an instrument to evaluate individual course outcomes by the course lecturer. The content of exam is reassessed periodically in order to assure compliance with the course outcomes.</p>		
Other (as the proposer wishes to add)	The course is taught in Croatian and English.		