

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Transport and Spatial Planning				
Head of course	Veljko Pevalek, Lecturer				
Study programme	Professional undergraduate study Road Transport				
Status of a course	Obligatory				
Year of study	1.	Semester	II	ECTS credits	4
Teaching plan (L + E + S+ Pr)	2+0+2+0				
Goals of a course					
Introduce students to the spatial planning system in the Republic of Croatia and the contents of spatial plans. To acquaint students with the spatial possibilities of planning and placement of transport infrastructure, as well as with the methodology of designing a traffic study as part of the spatial plan.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 1: Use mathematical and statistical methods in traffic engineering and traffic research.</p> <p>Outcome 2: Apply legislation in the field of road transport.</p> <p>Outcome 6: Distinguish between entities and their powers in the field of road transport.</p> <p>Outcome 7: Conduct field research in road transport and interpret the result.</p> <p>Outcome 8: Recommend effective solutions for road transport system planning based on sustainable development principles.</p> <p>Outcome 11: Select appropriate information technology and software to address specific road transport problems.</p> <p>Outcome 14: Independently present professional content on oral, written and graphical basis using the usual tools in Croatian and/or foreign language.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Define the spatial planning system in the Republic of Croatia 2. Explain the contents of spatial plans 3. Define the procedure for preparing a transport study 4. Evaluate spatial and other planning and placement options for transport infrastructure. 5. Create a specific segment of the transport plan, graphically process the solution and present it orally as part of the presentation of the given spatial plan 					
Content of a course					
Basic notions, definitions and terminology, laws, regulations and institutions concerning transport and regional planning. Relationship between transport and regional planning. Methodology of designing of transport and regional plans. Components of transport and regional plans. International aspects of transport and regional planning. Features of towns, regions and other areas: development, factors, areas structuring, central settlements and development corridors system.					
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					
Prerequisite for passing the full exam is the achievement of 50% of the projected points in EXIT 5					

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	Presentation	Home assignment	Threshold	Max
Outcome 1	15%				7,5%	15%
Outcome 2	20%				10%	20%
Outcome 3		20%			10%	20%
Outcome 4		15%			7,5%	15%
Outcome 5			15%	15%	15%	30%
Percentage of ECTS	1,2	1,2	0,6	0.6		
Total	30%	30%	25%	15%	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	10%	10%	20%
Outcome 2	15%	15%	30%
Outcome 3	15%	15%	30%
Outcome 4	10%	10%	20%
Outcome 5			
Percentage of ECTS	2	2	
Total	50%	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.

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. Miroslav Štimac: Prostorno planiranje u praksi, Rijeka: Glosa 2010.
2. Veljko Pevalek: Prometno i prostorno planiranje, bilješke sa predavanja – radni materijal (web)
3. Mr. sc. Brozović I.: Prometno i prostorno planiranje II dio - autorizirana i rezensirana predavanja – skripta. – radni materijal (web)

Additional literature

