

Course Unit Descriptor

<b>Study Programme:</b> Traffic Engineering			
<b>Course Unit Title:</b> Intermodal Transport Technology			
<b>Course Unit Code:</b> S0330			
<b>Name of Lecturer(s):</b> Marinko Maslaric			
<b>Type and Level of Studies:</b> Bachelor level			
<b>Course Status (compulsory/elective):</b> compulsory			
<b>Semester (winter/summer):</b> Summer			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> Face-to-face			
<b>Number of ECTS Allocated:</b> 6			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> To acquire basic knowledge on the intermodal transport technologies and the freight manipulation unit system.			
<b>Learning Outcomes:</b> Possibility for comparative analysis on the existing transport technologies in designing and realizing intermodal transport			
<b>Syllabus:</b> Place and role of the intermodal transport technology as a complex freight transport system. Intermodal transport and systematic approach to freight transport management in intermodal transport realization. Systems for enlarging the transport and manipulation units and the formation of freight units in the transportation and distribution system. Classical transport technologies. Container transport technologies. Road – railway transport technologies (“vehicle – vehicle” technologies). Road – water transport technologies. Freight transport centres as logistic centres.			
<b>Required Reading:</b> Relevant literature in English TBD			
<b>Weekly Contact Hours:</b>	<b>Lectures:</b>	<b>Practical work:</b>	
<b>Teaching Methods:</b> Lectures, auditory and computing practice. During the course, students should complete seminar papers which analyse practical problems related to intermodal transport. On passing the partial examination, students are not obligated to take a part of the final examination			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Lecture attendance	5	Oral part of the exam	30
Exercise attendance	5		
Term paper	30		
Coloquim paper	30		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			