

### Faculty of Mechanical Engineering / ROAD TRAFFIC / LOGISTICS

<b>Course:</b>	LOGISTICS			
<b>Course ID</b>	<b>Course status</b>	<b>Semester</b>	<b>ECTS credits</b>	<b>Lessons</b> (Lessons+Exercises+Laboratory)
5149	Mandatory	2	4.5	2+2+0
<b>Programs</b>	ROAD TRAFFIC			
<b>Prerequisites</b>	No conditions			
<b>Aims</b>	In this subject, students acquire knowledge of basic logistics in road transport, movement of materials, distribution of goods, inventory management and storage, internal transport, external transport, integrated transport, as well as other aspects of logistics in road traffic as well as information systems, costs, marketing, research and others.			
<b>Learning outcomes</b>	After the student has completed the exam will be able to: 1. Knows the basic concepts, definitions and the importance of logistics in road traffic. 2. Knows the logistics systems in large systems and logistics systems in traffic. 3. Knows the distribution systems of people and goods. 4. Knows inventory management, warehousing technology and material movements. 5. Knows the internal transport, external transport and integral transport. 6. Knows operational research, maintenance and costs in the logistics of road transport. 7. Knows marketing, benchmarking, and reverse logistics of road transport. 8. Knows the staff, trainings, organization and management in the logistics of road transport.			
<b>Lecturer / Teaching assistant</b>	Prof. dr Mileta Janjić			
<b>Methodology</b>	Lectures, exercises			
<b>Plan and program of work</b>				
Preparing week	Preparation and registration of the semester			
I week lectures	Basic concepts, definitions and the importance of Logistics in road traffic.			
I week exercises	Basic concepts, definitions and the importance of Logistics in road traffic.			
II week lectures	Logistic systems in large systems.			
II week exercises	Analysis of logistic systems in large systems.			
III week lectures	Logistics systems in traffic.			
III week exercises	Analysis of logistics systems in traffic.			
IV week lectures	Systems of distribution of people and goods.			
IV week exercises	Analysis of systems of distribution of people and goods.			
V week lectures	Inventory management.			
V week exercises	Solving the tasks of inventory management.			
VI week lectures	Storage Technologies.			
VI week exercises	Solving the tasks of storage technologies.			
VII week lectures	Movement of materials.			
VII week exercises	Solving the tasks of movement of materials.			
VIII week lectures	I Colloquium.			
VIII week exercises	I Colloquium.			
IX week lectures	Internal transport.			
IX week exercises	Solving the tasks of internal transport.			
X week lectures	External transport.			
X week exercises	Solving the tasks of external transport.			
XI week lectures	Integral transport.			
XI week exercises	Solving the tasks of integral transport.			
XII week lectures	Operational research, maintenance and costs in the logistics of road transport.			
XII week exercises	Solving the tasks of operational research, maintenance and costs in the logistics of road transport.			

XIII week lectures	Marketing, benchmarking and reverse logistics road transport.					
XIII week exercises	Marketing, benchmarking and reverse logistics road transport.					
XIV week lectures	Staff, trainings, organization and management in the Logistics of road transport.					
XIV week exercises	Staff, trainings, organization and management in the Logistics of road transport.					
XV week lectures	II Colloquium.					
XV week exercises	II Colloquium.					
<b>Student workload</b>						
<b>Per week</b>			<b>Per semester</b>			
<b>4.5 credits x 40/30=6 hours and 0 minuts</b> 2 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises <b>2 hour(s) i 0 minuts</b> of independent work, including consultations			Classes and final exam: <b>6 hour(s) i 0 minuts x 16 =96 hour(s) i 0 minuts</b> Necessary preparation before the beginning of the semester (administration, registration, certification): <b>6 hour(s) i 0 minuts x 2 =12 hour(s) i 0 minuts</b> Total workload for the subject: <b>4.5 x 30=135 hour(s)</b> Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) <b>27 hour(s) i 0 minuts</b> Workload structure: <b>96 hour(s) i 0 minuts (courses), 12 hour(s) i 0 minuts (preparation), 27 hour(s) i 0 minuts (additional work)</b>			
<b>Student obligations</b>			Students are obligated to attend lectures and exercises, and work colloquiums.			
<b>Consultations</b>			On the day of classes, after classes.			
<b>Literature</b>			Prof. dr Miodrag Bulatović: LOGISTIKA, Inženjerska komora Crne Gore, Podgorica, 2013.			
<b>Examination methods</b>			The presence of lectures and exercises - 5 points; Two colloquiums with 22.5 points - 45 points; Final exam - 50 points; The passing grade is obtained if has at least 50 points.			
<b>Special remarks</b>						
<b>Comment</b>						
<b>Grade:</b>	F	E	D	C	B	A
<b>Number of points</b>	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points