

# COURSE GUIDE – short form

Academic year 2014-2015

Course name <sup>1</sup>	<b>SPECIAL TRANSPORTS</b>					Course code	MSTA. DI.DS.207		
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DI	Year of study	II	Semester	4	Number of credit points	7

Faculty	Mechanical Engineering	Number of teaching and learning hours <sup>4</sup>							
Field	Automotive engineering	Total	L	T	LB	P	IS		
Specialization	Systemic of the Self-propelled Transportation	168	28	28					112

Pre-requisites from the curriculum <sup>5</sup>	Compulsory	
	Recommended	Calculation and Construction of Road Vehicles, Fluid mechanics and hydraulic machines, Machine elements

General objective <sup>6</sup>	Transmitting to students the concepts related to construction and dynamic calculation, operation of special transport vehicles, and how to make special transport
Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>Construction and operation of special equipment that are equipped cars</li> <li>How to make special transport (transport of dangerous goods, values transport, oversized transport, pipeline transport, information transport)</li> </ul>
Course description <sup>8</sup>	The course describes the basic principles, characteristics, construction and operation of special equipment that are equipped cars and how to make special transport. Familiarize with the principles and methods of determining the main features of special equipment. Examples and case studies.

Assessment			Schedule <sup>9</sup>	Percentage of the final grade (minimum grade) <sup>10</sup>
Continuous assessment	Class tests along the semester			%
	Activity during tutorials/laboratory works/projects/practical work		weeks 1 – 14	25%
	Assignments		weeks 1 – 14	25%
Final assessment	Final assessment form <sup>11</sup>	exam	exam period	50%
	Examination procedures and conditions: 1. Thematic development written test; percent of the f. grade 50% 2. Case study: oral examination percent of the final grade 50%			

Course organizer	Şef lucrări. dr. ing. Sorinel Gicu TALIF	
Teaching assistants	Şef lucrări. dr. ing. Sorinel Gicu TALIF	

<sup>1</sup> Course name from the curriculum

<sup>2</sup> DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

<sup>3</sup> DI – imposed, DO – optional, DL – facultative (from the curriculum)

<sup>4</sup> Points 3.8, 3.5, 3.6a,b,c, 3.7 from the Course guide – extended form (L-lecture, T-tutorial, LB-laboratory works, P-project, IS-individual study)

<sup>5</sup> According to 4.1 – Pre-requisites - from the Course guide – extended form

<sup>6</sup> According to 7.1 from the Course guide – extended form

<sup>7</sup> According to 7.2 from the Course guide – extended form

<sup>8</sup> Short description of the course, according to point 8 from the Course guide – extended form

<sup>9</sup> For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

<sup>10</sup> A minimum grade might be imposed for some assessment stages

<sup>11</sup> Exam or colloquium