

# COURSE GUIDE – short form

Academic year 2014-2015

Course name <sup>1</sup>	Special vehicles					Course code		AR.414.D O.DS -2	
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DO	Year of study	IV	Semester	8	Number of credit points	5

Faculty	Mechanical Engineering	Number of teaching and learning hours <sup>4</sup>						
Field	Automotive Engineering	Total	L	T	LB	P	IS	
Specialization	Automotives	126	28		28			70

Pre-requisites from the curriculum <sup>5</sup>	Compulsory	Hydraulic and pneumatic road vehicles; Construction and calculation 1,2
	Recommended	Vehicles Dynamics

General objective <sup>6</sup>	Sending the students to concepts related to the construction and operation of vehicles and installations
Specific objectives <sup>7</sup>	The construction and operation of special installations mounted on special vehicles and their knowledge of functional processes.
Course description <sup>8</sup>	The course includes the following major sections: Hydraulic -Actionariused in special vehicles (pumps, hydraulic motors, distributionequipment, control and pneumatic control-used special vehicles(compressors, air treatment, pressure regulators, flow control,distribution, execution pneumatic elements, mufflers and pipes,special vehicles (cranes, vehicles for interventions in electricity networks, vehicle maintenance and repair of roads, refrigerating vehicles

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			20%
	Assignments			30%
Final assessment	Final assessment form <sup>11</sup>			50%
	Examination procedures and conditions: 1. ; tasks ; working conditions ; percent of the final grade % 2. ; tasks ; working conditions ; percent of the final grade % 3.			

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Teaching assistants	Sef lucrari dr. ing. Talif Sorinel Gicu	

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<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