

COURSE GUIDE – short form

Academic year 2014 - 2015

Course name ¹	Quality Management					Course code	CMPA DLDS.203		
Course type ²	DID	Category ³	DI	Year of study	2	Semester	3	Number of credit points	6

Faculty	Mechanical Engineering	Number of teaching and learning hours ⁴					
Field	Automotive Engineering	Total	L	T	LB	P	IS
Specialization	Concept and management of the automotive design	56	28		28		

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	Management

General objective ⁶	To understand the fundamental concepts and principles of the quality management.
Specific objectives ⁷	<ul style="list-style-type: none"> To enhance the ability to use quality management techniques to implement an effective quality system or programme. To provide students with knowledge to design quality into products that satisfy customers.
Course description ⁸	Introduction to basic concepts of quality products and quality management. Tools and techniques of quality management. Management quality systems and ISO standards. Techniques and instruments for product quality planning. Quality instruments for product design. Quality control. Quality audits. Quality improvement tools. Quality cost principles.

Assessment			Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester			%
	Activity during tutorials/laboratory works/projects/practical work		weeks 1 – 14	50 %
	Assignments			
Final assessment	Final assessment form ¹¹	Exam	Exam period	50 %
	Examination procedures and conditions: 1. Written test; percent of the final grade 50 % 2. Oral presentation of specific problems; percent of the final grade 50 %.			

Course organizer	Professor Virgil Atanasiu, Ph.D.	
Teaching assistants	Professor Virgil Atanasiu, Ph.D.	

¹ Course name from the curriculum

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

³ DI – imposed, DO – optional, DL – facultative (from the curriculum)

⁴ 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)

⁵ According to 4.1 – Pre-requisites - from the Course guide – extended form

⁶ According to 7.1 from the Course guide – extended form

⁷ According to 7.2 from the Course guide – extended form

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

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

¹⁰ A minimum grade might be imposed for some assessment stages

¹¹ Exam or colloquium