C O U R S E G U I D E – s h o r t f o r m

Academic year 2017-2018

Course name[1]	**Control and assurance of quality**					Course code		4ISI06DID	
Course type[2]	DID	Category[3]	DI	Year of study	IV	Semester	8	Number of credit points	6

Faculty	Science and Engineering of Materials	Number of teaching and learning hours[4]					
Field	Industrial Engineering	Total	L	T	LB	P	IS
Specialization	Safety engineering in industry	70	28	14			28

Pre-requisites from the curriculum[5]	Compulsory	
	Recommended	

General objective [6]	Main principles of the quality management; inclusion of those principles into the complex environment of the productive units
Specific objectives[7]	• Identifying quality criteria into industrial engineering field; • Building - up quality documents (basic documents, documents for quality book, etc.) • Solving technical issues in agreement with the whole system.
Course description[8]	Quality evolution from an attribute to a concept; different ways to look at quality. Quality management, activities and goals. Quality control, control methods in industry engineering, the quality control tools (statistical tools) Maintainability, serviceability, safety in exploitation.

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			30%
	Assignments			20%
Final assessment	Final assessment form[11]	exam		50%
	Examination procedures and conditions: 1. Close ended questions : 20%; 2. Open ended questions: 40%; 3. Accomplishing an Excel Chart (histogram, Pareto chart or control chart on the computer with predefinite data, 40%.			

Course organizer	Lecturer PhD eng. Diana Antonia Gheorghiu	
Teaching assistants	Lecturer PhD eng. Diana Antonia Gheorghiu	

[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