COURSE GUIDE – short form

Academic year 2024-2025

Course name[1]	CONTROL AND ASSURANCE OF QUALITY					Course code		4.ISI.06.DD	
Course type[2]	DD	Category[3]	DI	Year of study	4	Semester	8	Number of credit points	4

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	100	28	28			44

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.

Assesment			Sche-dule[9]	Percentage in the final grade (minimum grade)[10]
A. Final assessment form [11]: Exam	Class tests along the semester	%		50% (minimum 5)
	Home works	20%	S10	
	Other activities	%		
	Examination procedures and conditions: 1. Close ended questions 2. Open ended questions Accomplishing an Excel Chart (histogram, Pareto chart or control chart on the computer with predefinite data.	80% (mini-mum 5)	Session	
B. Seminar	Activity during seminar			50% (minimum 5)

Course organizer	Lecturer Phd. Eng Elena MATCOVSCHI	
Teaching assistants	Lecturer Phd. Eng Elena MATCOVSCHI	

[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