

COURSE GUIDE – short form

Academic year 2018-2019

Course name ¹	Statistical Methods used of Industrial Security Analysis					Course code	3ISI06DS		
Course type ²	DS	Category ³	DI	Year of study	3	Semester	2	Number of credit points	5

Faculty	Materials Science and Engineering	Number of teaching and learning hours ⁴						
Field	Industrial Engineering	Total	L	T	LB	P	IS	
Specialization	Industrial Security Engineering	125	28	-	-	28	69	

Pre-requisites from the curriculum ⁵	Compulsory	-Mathematics – Number theory,
	Recommended	Algebra, Probabilities-

General objective ⁶	Discipline trains specialists in industrial safety, specific processes, aimed at obtaining information perform tests with applications in materials processing.
Specific objectives ⁷	Knowledge phenomena based industrial engineering, considering aspects of intellectual activity and economic factors.
Course description ⁸	Experimental data interpretation, The laws of frequencies repartition, Nonlinear models, Central compositional rotating programming, Experimentation of statistic hypothesis.

Assesment			Schedule ⁹	Percentage in the final grade(minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	20%	6 th , 12 th week	70% (minimum 5)
	Home works	%		
	Other activities	%		
Exam	Examination procedures and conditions: 1. Experimental data interpretation - 50% 2. Numerical applications – 50%.	80% (minimum 5)		
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttivity during laboratory			% (minimum 5)
D. Project	Activityduringproject			30% (minimum 5)

Course organizer	Assist Prof PhD. Stefan Lucian Toma Lecturer PhD. Diana Antonia GHEORGHIU	
Teaching assistants	Asist. univ. drd. ing. Constantin MIREA	

¹Course 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

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

¹⁰A minimum grade might be imposed for some assessment stages

¹¹Exam or colloquium