

COURSE GUIDE – short form

Academic year 2017-2018

Course name ¹	APPLICATION OF INFORMATICS IN INDUSTRIAL SAFETY ENGINEERING					Course code	3ISI05DS			
Course type ²	DS	Category ³	DI	Year of study	3	Semester	6	Number of credit points	4	

Faculty	Materials science and engineering	Number of teaching and learning hours ⁴					
Field	Industrial engineering	Total	L	T	LB	P	IS
Specialization	Security Engineering in Industry	98	28	-	42	-	28

Pre-requisites from the curriculum ⁵	Compulsory	UCAS
	Recommended	

General objective ⁶	Knowledge and use of specialist vocabulary, informatics, applying theoretical knowledge and practical skills on analysis and design of engineering systems in the security industry.
Specific objectives ⁷	<ul style="list-style-type: none"> • Learning models and standards used in information systems: • Develop advanced skills through database systems for managing information security in applicable engineering industry • Develop skills necessary to: understanding and interpretation of ideas for designing, conducting, evaluating and modeling of activities. • Promoting teamwork laboratory for developing themes
Course description ⁸	Using the computer and managing files, word processing and realization tabular calculation (SOW, MW and ME) DBMS architecture and functions of sites; Database Management (MA) Management and Project Planning (MP); Integrated Information Systems - ERP, CRV

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	S2-S13	20%
	Assignments	S4; S7; S9	20%
Final assessment	Final assessment form ¹¹	Exam	60%
	Examination procedures and conditions: 1 Exposure a subject theoretic.- p = 30%; 2.T solving a problem in a laboratory P = 35%; 3.T answer to the question of laboratory work; P = 35%;		

Course organizer	Associate Professor PhD. Eng. Stefan Lucian TOMA
Teaching assistants	Eng. 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

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