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

Academic year 2024-2025

Course name[1]	**APPLICATIOND OF INFORMATION TECHNOLOGY OF INDUSTRIAL SECURITY 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	100	28	-	42	-	30

Pre-requisites from the curriculum[5]	Compulsory	PCLP
	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]	• 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

Assesment			Sche-dule[9]	Percentage in the final grade (minimum grade)[10]
A. Final assessment form [11]: Exam	Class tests along the semester	%		60% (minimum 5)
	Home works	20%	W6;W 12	
	Other activities	%		
	Examination procedures and conditions: 1T Exposure a subject theoretic - p = 30%; 2.T solving a problem in a laboratory P = 35%; 1. 3.T answer to the question of laboratory work; P = 35%;	80% (mini-mum 5)		
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttvity during laboratory			40% (minimum 5)
D. Project	Activity during project			% (minimum 5)

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

[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