

COURSE GUIDE – short form

Academic year 2018-2019

Course name ¹	ELECTROSECURITY					Course code	4 ISI 09 DS			
Course type ²	DS	Category ³	DO	Year of study	IV	Semester	7	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 INDUSTRY					42	28	-	14	-	-

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	Electrotechnics

General objective ⁶	Technical training in the field of electrical safety in the industry, as the basis of technical and technological scientific development for postgraduate activities
Specific objectives ⁷	<ul style="list-style-type: none"> The knowledge base must develop common sense and logical thinking based on a sound technical theoretical. Technical Thinking should be well connected with economic thinking, so that any technology should be understood as efficient possibility of achieving optimal production and quality.
Course description ⁸	<ul style="list-style-type: none"> Earthing electrical installations; Human Protection against accidental touch voltages; Methods of protection against direct touches. Protection against indirect methods. Methods for extra protection. First aid in case of accident (electric shock, burns).

Assesment			Schedule ⁹	Percentage in the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	10 %		% (minimum 5)
	Home works	%		
	Other activities	%		
	Examination procedures and conditions: Probe 1: working conditions; percent of the final grade %; Probe 2: working conditions; percent of the final grade %; Probe 3: working conditions; percent of the final grade %;	60 % (minimum 5)		
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttivity during laboratory			40 % (minimum 5)
D. Project	Activity during project			% (minimum 5)

Course organizer	Associate Professor PhD Maria Baciú	
Teaching assistants	Associate Professor PhD Maria baciú	

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