

COURSE GUIDE – short form

Academic year 2024 - 2025

Course name ¹	FINANCIAL MANAGEMENT OF OCCUPATIONAL SAFETY AND HEALTH					Course code	ISSM IA 102			
Course type ²	DS	Category ³	DI	Year of study	V	Semester	1	Number of credit points	5	

Faculty	Faculty of Materials Science and Engineering	Number of teaching and learning hours ⁴					
Field	Industrial Engineering	Total	L	T	LB	P	IS
Specialization	Occupational Health and Security Engineering	125	28	-	-	14	83

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	Proper knowledge of financial aspects related to occupational safety, job insecurity, the costs of accidents and occupational diseases, as well as the possible benefits of accident prevention
Specific objectives ⁷	<p>Knowledge of the economic and financial consequences of occupational safety and health and financial losses; the relevant costs at the level of the individual, the insurance company and the company</p> <p>Carrying out an inventory of financial management methods to highlight the costs of health and safety at work in companies</p>
Course description ⁸	<ul style="list-style-type: none"> • Financial management system for occupational safety and health • Ways to improve financial management at the organizational level • The role of financial management of occupational safety and health within the organization • Functions of financial management of occupational safety and health • The importance of making an economic-financial estimate of occupational safety and health at the organizational level • Estimated costs of the company for its employees regarding safety and health at work • Economic evaluation of the prevention of health and safety at work • Methods for economic evaluation of the results of prevention programs • Reducing costs with health and safety at work • Financial management of direct and indirect costs of accidents at work. • Methods of financial assessment of the costs of accidents at work • Economic indicators that express the effects of work accidents on the labor factor • Using economic calculation for occupational health and safety management, through the Martinez model.

Assesment			Sche- dule ⁹	Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	%		40% (minimum 5)
	Home works	%		
	Other activities	%		

Exam	Examination procedures and conditions: Written exam in the form of a grid test that includes a number of 22 questions extracted from the theoretical part of the discipline.	100% (minimum grade 5)		
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			% (minimum 5)
D. Project	Activity during project			60 % (minimum 5)

Course organizer	Prof. univ.dr. Cristina Maria STOICA	
Teaching assistants	Prof. univ.dr. Cristina Maria STOICA	

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