

COURSE GUIDE – short form

Academic year 2017-2018

Course name ¹	Fire safety engineering					Course code		5ISSM DS08	
Course type ²	DS	Category ³	DI	Year of study	1	Semester	2	Number of credit points	6

Faculty	Science and Engineering of materials	Number of teaching and learning hours ⁴					
Field	Industrial Engineering	Total	L	T	LB	P	IS
Specialization	Engineering safety and health at work	98	14			14	70

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	- Intervention in emergency situations

General objective ⁶	Knowledge of the main factors that affect fire safety of buildings and installations, setting with engineering methods the necessary measures to ensure fire and smoke spread limitation within the construction and neighborliness, assures users safely evacuation and the security of firefighters.
Specific objectives ⁷	<ul style="list-style-type: none"> • Knowledge of mechanisms of fires causes and the factors that lead to the reduction of buildings and facilities fire safety. • Acquiring and applying active and passive measures for achieving fire safety.
Course description ⁸	Constructive, technical and organizational measures that have to be adopted for objectives with different destinations to ensure essential quality requirement in construction - fire safety.

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	weekly	40 %
	Assignments	-	%
Final assessment	Final assessment form ¹¹	Colloquy	Week 14
	Examination procedures and conditions: 1. Theoretical knowledge; tasks: test paper; 9 questions test		60 %

Course organizer	PhD. Eng. Cristian Andrei MICU	
Teaching assistants	PhD. Eng. Cristian Andrei MICU	

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