

# COURSE GUIDE – short form

Academic year 2024 - 2025

Course name <sup>1</sup>	Risk Management					Course code	4.ISI.12.DS-2		
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DO	Year of study	IV	Semester	7	Number of credit points	3

Faculty	Faculty of Materials Science and Engineering				Number of teaching and learning hours <sup>4</sup>					
Field	Industrial Engineering				Total	L	T	LB	P	IS
Specialization	Industrial Security Engineering				75	14	14	-	-	47

Pre-requisites from the curriculum <sup>5</sup>	Compulsory	
	Recommended	

General objective <sup>6</sup>	<p>Knowledge, understanding and appropriate use of risk assessment methods and techniques</p> <p>Creating skills for risk analysis, implementation, control and implementation</p> <p>Analysis and use of techniques for quantifying and treating organizational risks.</p>
Specific objectives <sup>7</sup>	To know how to draw up specific documents and use methods, techniques and tools for identifying, evaluating and analyzing risks.
Course description <sup>8</sup>	<ol style="list-style-type: none"> <li>1. Principles of risk management. Elements regarding the SR EN 31010 standard</li> <li>2. Activities specific to risk management</li> <li>3. Stages of the risk management process</li> <li>4. Development of a formal risk management program</li> <li>5. The relationship between risk factors and causes</li> <li>6. Organization of risk management activities</li> </ol>

Assesment			Schedule <sup>9</sup>	Percentage of the final grade (minimum grade) <sup>10</sup>
A. Final assessment form <sup>11</sup> :	Class tests along the semester	20%		80% (minimum 5)
	Home works	20%		
	Other activities	%		
	Examination procedures and conditions: Exam based on an examination ticket containing three subjects and individual discussions as well of others aspects concerning the discipline	60% (minimum grade 5)		
B. Seminar	Activity during seminar			20% (minimum 5)
C. Laboratory	Acttivity during laboratory			% (minimum 5)
D. Project	Activity during project			% (minimum 5)

Course organizer	Prof. univ. dr. ing. Gheorghe Nagiț	
Teaching assistants	Prof. univ. dr. ing. Gheorghe Nagiț	

<sup>1</sup>Course name from the curriculum

<sup>2</sup> DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

<sup>3</sup> DI – imposed, DO –optional, DL – facultative (from the curriculum)

<sup>4</sup> 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)

<sup>5</sup> According to 4.1 – Pre-requisites - from the Course guide – extended form