

# COURSE GUIDE – short form

Academic year 2024-2025

Course name <sup>1</sup>	Assessing the risks of injury and occupational disease (2)				Course code		ISSM IA107		
Course type <sup>2</sup>	DA	Category <sup>3</sup>	DI	Year of study	1	Semester	2	Number of credit points	4

Faculty	Science and Engineering of materials				Number of teaching and learning hours <sup>4</sup>					
Field	Industrial Engineering				Total	L	T	LB	P	IS
Specialization	Engineering safety and health at work				100	28			14	58

Pre-requisites from the curriculum <sup>5</sup>	Compulsory	-
	Recommended	Assessing the risks of injury and occupational disease (1)

General objective <sup>6</sup>	Acquiring theoretical and practical knowledge necessary for practical application of the presented methods for risk assessment of accidents and professional diseases and for their inclusion in an integrated assessment
Specific objectives <sup>7</sup>	Knowledge of the main methods of assessing the risk of injury and occupational disease applied nationally and internationally and the limits of applicability of these methods. Ability to analyze complex risk of injury and occupational disease
Course description <sup>8</sup>	Methods of analysis and evaluation of occupational hazards and safety. Presentation types of technical and organizational measures and means to prevent work accidents and occupational diseases.

Assesment			Schedule <sup>9</sup>	Percentage in the final grade (minimum grade) <sup>10</sup>
A. Final assessment form <sup>11</sup> : Exam / Colloquium	Class tests along the semester: S5; S10	20%		70 % (minimum 5)
	Home works	%		
	Other activities	%		
	Oral Exam	80 % (minimum 5)	Exam period	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			% (minimum 5)
D. Project	Activity during project			30 % (minimum 5)

Course organizer	Prof. PhD. Eng. Costică BEJINARIU	
Teaching assistants	Lect. PhD. Eng. Alin Marian CAZAC	

<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

<sup>6</sup> According to 7.1 from the Course guide – extended form

<sup>7</sup> According to 7.2 from the Course guide – extended form

<sup>8</sup> Short description of the course, according to point 8 from the Course guide – extended form

<sup>9</sup> For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

<sup>10</sup> A minimum grade might be imposed for some assessment stages

<sup>11</sup> Exam or colloquium