

# COURSE GUIDE – short form

Academic year 2024-2025

Course name <sup>1</sup>	<b>General concepts of industrial safety assessment</b>					Course code		3.ISI.01.DS		
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DI	Year of study	3	Semester	5	Number of credit points		6

Faculty	Material Science and Engineering				Number of teaching and learning hours <sup>4</sup>					
Field	Industrial Engineering				Total	L	T	LB	P	IS
Specialization	Safety Engineering in Industry				150	28		14	14	94

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

General objective <sup>6</sup>	Integrate the principles of health and safety in work processes by identifying and evaluating occupational risks.
Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>• Clarification of concepts, theories and basic methods for carrying out the work processes in health and safety conditions at work by identifying and evaluating occupational risks.</li> <li>• Using basic knowledge (concepts, theories, methods) for carrying out the work processes in conditions of safety and health at work, by identifying and assessing risks.</li> </ul>
Course description <sup>8</sup>	Self security in industry

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:	20%	S5; S10	60% (minimum 5)
	Home works	%		
	Other activities	%		
	Oral exam	80% (minimum 5)	Session	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			20% (minimum 5)
D. Project	Activity during project			20% (minimum 5)

Course organizer	Lecturer PhD. Eng. Alin Marian CAZAC
Teaching assistants	Lecturer 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