

# COURSE GUIDE – short form

Academic year 2017-2018

Course name <sup>1</sup>	Methods of analysis and risk assessment training (1)					Course code		5ISSMDI05	
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DI	Year of study	1	Semester	1	Number of credit points	6

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	112	28			14	70

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

General objective <sup>6</sup>	Knowledge of the main methods for risk assessment of injury and occupational disease used nationally and internationally and the scope of these methods depending on the specific activities of the organization and complexity of jobs.
Specific objectives <sup>7</sup>	Knowledge of the mechanisms of accidents at work and occupational diseases in major industrial activities. Learning the methods and techniques to identify risks of accidents and professional diseases with high incidence and significant impact on the conduct of business organizations
Course description <sup>8</sup>	Methods of analysis and evaluation of occupational hazards and safety at work. Presentation types of technical and organizational measures and means to prevent work accidents and occupational diseases .

Assessment		Schedule <sup>9</sup>	Percentage of the final grade (minimum grade) <sup>10</sup>
Continuous assessment	Class tests along the semester	week 7	10 %
	Activity during tutorials/laboratory works/projects/practical work	weekly	40 %
	Assignments	-	%
Final assessment	Final assessment form <sup>11</sup>	Exam	50 %
	Examination procedures and conditions: Oral Exam		

Course organizer	Prof. PhD. Eng. Costică BEJINARIU
Teaching assistants	Assist. 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

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<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