

**C O U R S E   G U I D E   -   s h o r t   f o r m**  
Academic year 2024-2025

Course name <sup>1</sup>	<b>ERGONOMICS</b>					Course code	3ISI07DS			
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DI	Year of study	III	Semester	6	Number of credit points	5	

Faculty	Material Science and Engineering	Number of teaching and learning hours <sup>4</sup>					
Field	Industrial engineering	Total	L	T	LB	P	IS
Specialization	Industrial safety engineering	125	42	14	-	-	69

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

General objective <sup>6</sup>	Choosing, designing, technical assistance and use of the labour systems in safe and healthy conditions
Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>Use of the basic knowledge in the evaluation and optimal solving of the technical problems related to the labour systems in the field</li> <li>Applying the basic principles and methods to solve the problems occurred in the evaluation and optimal solving of the technical problems related to the labour systems in the field</li> </ul>
Course description <sup>8</sup>	Notions of ergonomics, relations of dependence specific to ergonomics, the concept of the ergonomic system, workplace ergonomics, ergonomic standards

Assesment		Schedule <sup>9</sup>	Percentage in the final grade (minimum grade) <sup>10</sup>
A. Final assessment form <sup>11</sup> :  Exam .	Class tests along the semester		60% (minimum 5)
	Home works	%	
	Other activities	%	
	Examination procedures and conditions: Probe 1: working conditions; percent of the final grade 40 %; Probe 2: working conditions; percent of the final grade 30 %; Probe 3: working conditions; percent of the final grade 30 %; .....	100 % (minimum 5)	
B. Seminar	Activity during seminar		40 % (minimum 5)
C. Laboratory	Activity during laboratory		% (minimum 5)

Course organizer	Lecturer Phd. Eng. Elena MATCOVSCHI
Teaching assistants	Lecturer Phd. Eng. Elena MATCOVSCHI

<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

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<sup>11</sup> Exam or colloquium