

# COURSE GUIDE – short form

Academic year 2018-2019

Course name <sup>1</sup>	<b>Information Technology and Interactive Systems</b>					Course code	.1ISSMDS04			
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DI	Year of study	6	Semester	9	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	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>	Developing practical sense and logical technical thinking to integrate health and safety principles into work processes by using computer systems
Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>• Linking technical thinking to economic thinking, so that professional projects with specificity are understood as an efficient way to achieve production in optimal and quality conditions.</li> <li>• Identifying optimal ways of communication and providing support for communicating information as efficiently as possible</li> </ul>
Course description <sup>8</sup>	Components of a computer system, computer applications

Assesment		Schedule <sup>9</sup>	Percentage in the final grade (minimum grade) <sup>10</sup>
A. Final assessment form <sup>11</sup> :	Class tests along the semester	%	50% (minimum 5)
	Home works	%	
	Other activities	%	
	Examination procedures and conditions: Probe 1: working conditions; percent of the final grade %; 1. Theoretical knowledge, tasks, working conditions	50% (minimum 5)	
B. Seminar	Activity during seminar		50% (minimum 5)
C. Laboratory	Activity during laboratory		% (minimum 5)
D. Project	Activity during project		% (minimum 5)

Course organizer	Lecturer. PhD. Eng. Mihai BERNEVIG-SAVA
Teaching assistants	Assist. PhD. Eng. Alin Marian CAZAC

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<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