

# COURSE GUIDE – short form

Academic year 2017-2018

Course name <sup>1</sup>	<b>Collective and individual protection methods in industry</b>					Course code	4ISI03DS		
Course type <sup>2</sup>	DS	Category <sup>3</sup>	DI	Year of study	IV	Semester	I	Number of credit points	4

Faculty	Materials Science and Engineering				Number of teaching and learning hours <sup>4</sup>					
Field	Industrial Engineering				Total	L	T	LB	P	IS
Specialization	Security Engineering industry				70	28	14			28

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

General objective <sup>6</sup>	<p>Effective action to minimize the risk reduction can only occur if we decipher the intimate mechanism of interaction of factors in the labor process and performer. In this context the main objectives of the discipline are:</p> <ul style="list-style-type: none"> <li>• Understanding of preventive measures in health and safety at work;</li> <li>• Study of protective measures: technical, organizational, sanitary for achieving human security in the work, elimination, avoidance or reduction of risk factors action on the human body.</li> </ul>
--------------------------------	--

Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>• transmission of information on notions individual protection and collective on industry;</li> <li>• discussing and analyzing case studies on methods of protection in industry;</li> <li>• deepening the legislation on health and safety standards at work.</li> </ul>
----------------------------------	--

Course description <sup>8</sup>	<p>I. Introduction            II. Reduce the risk of injury and occupational disease            III. Organizational protection measures            - Selecting and hiring personnel            - Training, training, information, propaganda            - Organize ergonomic systems muncă            - Organizational risk prevention measure by mechanical            - Safety signs            Action programs            IV. Technical protection measures            - Intrinsically safe            - Protective measure by colectivă            - Protection individuală            - Security barriers. Method butterfly knot</p>
---------------------------------	---

Assessment		Schedule <sup>9</sup>	Percentage of the final grade (minimum grade) <sup>10</sup>
Continuous assessment	Class tests along the semester	week 7	20%
	Activity during tutorials/laboratory works/projects/practical work	Week1-14	30%
	Assignments	-	%
Final assessment	Final assessment form <sup>11</sup>	E	50 %
	Examination procedures and conditions: 1. theoretical question; open questions of course, working conditions: oral; percent of the final grade: 30% 2. theoretical question; open questions of course, working conditions: oral; percent of the final grade: 30% 3. theoretical question; open questions in the lab, working conditions: oral; percent of the final grade: 40%		
Course organizer	Associate Professor, Ph.D. Corăbieru Anișoara		
Teaching assistants	Associate Professor, Ph.D. Corăbieru Anișoara		

---

<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