

# COURSE GUIDE – short form

Academic year 2018 - 2019

Course name <sup>1</sup>	<b>EVALUATION OF RISK AND AUDIT WITHIN THE INDUSTRY OF MATERIAL PROCESSING</b>					Discipline code	<b>3 IPM 12</b>		
Course type <sup>2</sup>	<b>DS</b>	Category <sup>3</sup>	<b>DO</b>	Year of study	3	Semester	<b>6</b>	Number of credit points	<b>2</b>

Faculty	Material Science and Engineering	Number of teaching and learning hours <sup>4</sup>					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	IPM	<b>42</b>	<b>28</b>	-	<b>14</b>	-	

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

General objective <sup>6</sup>	The security and workplace health audit is a recently added notion to the romanian legislation, but which benefits of a positive experience of over 10 years within europe and internationally.
Specific objectives <sup>7</sup>	This course aims for the students to gather all necessary knowledge required for efficiently controlling the workers' knowledge and respect towards the specific audit risks within the industry of material processing.
Course description <sup>8</sup>	<ol style="list-style-type: none"> <li>1. Basic national legislative reglementations regarding audit in the domain of security andworkplace health</li> <li>2. Theoretical reasoning for audit               <ol style="list-style-type: none"> <li>2.1. The definition of audit</li> <li>2.2. Typology of audits within the material processing industry</li> </ol> </li> <li>3. Methods used in Romania for conformingly auditing               <ol style="list-style-type: none"> <li>3.1. The "I.N.C.D.P.M." method from Bucharest for auditing</li> <li>3.2. The method of autoevaluation within small and medium businesses</li> <li>3.3. The method of analysing workplaces in special conditions</li> <li>3.4. The method of evaluation of dangers generated by technical equipment</li> </ol> </li> <li>4. The method of audit conforming the legislation               <ol style="list-style-type: none"> <li>4.1. The method's purpose</li> <li>4.2. The method's structure</li> <li>4.3. The papers' structure and their use</li> </ol> </li> </ol>

Assessment		Schedule <sup>9</sup>		Percentage of the final grade (minimum grade) <sup>10</sup>
A. Final assessment form <sup>11</sup> colloquium	Class tests along the semester	%	week	75 % (minimum 5)
	Home works	25 %		
	Other activities	%	week	
	Examination procedures and conditions: 1. Subject with open questions, working conditions oral, percent %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	50 % (minimum 5)	week 14	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttvity during laboratory			25 % (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	<b>Lecturer Ph.D. Eng. Carmen NEJNERU</b>			

<sup>1</sup>Course name from the curriculum

<sup>2</sup> DF – fundamental, DD – 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