

# COURSE GUIDE – short form

## Academic year 2018-2019

Course name <sup>1</sup>	<b>Machining technology</b>					Course code	2EPI17DID			
Course type <sup>2</sup>	DID	Category <sup>3</sup>	DO	Year of study	2	Semester	3	Number of credit points	6	

Faculty	<b>Materials Science and Engineering</b>					Number of teaching and learning hours <sup>4</sup>					
Field	<b>Industrial Engineering</b>					Total	L	T	LB	P	IS
Specialization	<b>Safety Engineering in Industry</b>					84	28	-	28	-	28

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

General objective <sup>6</sup>	Technical training in machining, as the basis of technical thinking; fundamental knowledge concerning the specific equipments.
Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>Identify the limits of the included technologies;</li> <li>Joining economical and technical thinking;</li> <li>Main benefit – a product the best money can buy with minimum energetic and material costs.</li> </ul>
Course description <sup>8</sup>	<ul style="list-style-type: none"> <li>Theoreticla fundamentals for surface machning; Machining cinematics and chip removal conditions. Machining equipment and tool for the main subtractive methods. Machining technology through turning, drilling, milling, etc.</li> </ul>

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	30%	S7	50% (minimum 5)
	Home works	%		
	Other activities	%		
	Exam	Examination procedures and conditions: Probe 1: working conditions - Closed question; percent of the final grade 30 %; Probe 2: working conditions - Open question; percent of the final grade 40%; Probe 3: working conditions;- Open question, percent of the final grade 30%;	70% (minimum 5)	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			50% (minimum 5)
D. Project	Activity during project			% (minimum 5)

Course organizer	Lecturer Phd. Eng. Diana Antonia GHEORGHIU	
Teaching assistants	Lecturer Phd. Eng. Diana Antonia GHEORGHIU	

<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