

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	EQUIPMENT AND ADVANCED FOR WELDING TECHNIQUES (1ST TERM)					Codul disciplinei	5 SITM 10		
Course type ²	SIN	Category ³	DO	Year of study	1M	Semester	1	Number of credit points	6

Faculty	Material Science and Engineering	Number of teaching and learning hours ⁴					
Field	Mechanical Engineering	Total	L	T	LB	P	IS
Specialization	SITM	144	14	-	14	-	116

Pre-requisites from the curriculum ⁵	Compulsory	Not the case
	Recommended	Not the case

General objective ⁶	Widening knowledge about specific use and designing of equipment and technologies for hot processing.
Specific objectives ⁷	Knowlegde about the use and designing of welding equipment and technologie are being enhanced.
Course description ⁸	Steel weldability - methods of appreciation; basics in welding metallurgy; principles; of designing welding equipment; specific operational elements of welding equipment; aspects concerning the mechanics of welding equipment; aspects concerning the automation and command of welding equipment.

Assessment		Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester -	week	%
	Activity during tutorials (open questions)	continuous	50 %
	Assignments -	week	%
Final assessment	Final assessment form ¹¹ exam	exam period	50 % (minimum 5)
	Examination procedures and conditions: 1. Subject with closed questions ; tasks answer to closed questions ; working conditions -; percent 50 %; 2. Subject with closed questions ; tasks answer to closed questions ; working conditions -; percent 50 %; 3. - ; tasks - ; working conditions -; percent %;		

Course organizer	Assoc.Prof.Ph.D.Eng. Gheorghe Badarau
Teaching assistants	Assoc.Prof.Ph.D.Eng. Gheorghe Badarau

¹Course name from the curriculum

² DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

³ DI – imposed, DO –optional, DL – facultative (from the curriculum)

⁴ 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)

⁵ According to 4.1 – Pre-requisites - from the Course guide – extended form

⁶ According to 7.1 from the Course guide – extended form

⁷ According to 7.2 from the Course guide – extended form

⁸ Short description of the course, according to point 8 from the Course guide – extended form

⁹ For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

¹⁰ A minimum grade might be imposed for some assessment stages

¹¹ Exam or colloquium