

COURSE GUIDE – short form

Academic year 2024 - 2025

Course name ¹	EQUIPMENT FOR FOUNDRIES (II)					Discipline code	4EPI05DS			
Course type ²	DS	Category ³	DI	Year of study	4	Semester	7	Number of credit points	4	

Faculty	Material Science and Engineering					Number of teaching and learning hours ⁴					
Field	Mechanical Engineering					Total	L	T	LB	P	IS
Specialization	Equipment for Industrial Processes					100	28		28		44

Pre-requisites from the curriculum ⁵	Compulsory	The Resistance of Materials, Machine Components, Equipment for foundries (I)
	Recommended	

General objective ⁶	The theoretical and the practical parts of the content are designed to ensure an advanced knowledge of the technological equipments for casting and ensure a deeper understanding of the information covered in Equipment for foundries (I) related to the design, construction, and optimal usage of these equipments.
Specific objectives ⁷	The ability to solve technical problems of technological equipment for casting. The ability to design technological equipment for casting.
Course description ⁸	The course takes into account the overall objectives of the syllabus by completing the professional skills of graduates in the field of equipment for casting.

Assessment		Schedule ⁹		Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ Examen	Class tests along the semester	20 %	week 6	70 % (minimum 5)
	Oral examination	80 %	Sesiune	
C. Laboratory	Activity during laboratory			30 % (minimum 5)
Course organizer	Lecturer Ph.D. eng. Viorel GRANCEA			
Teaching assistants	Lecturer Ph.D. eng. Viorel GRANCEA			

¹Course name from the curriculum

² DF – fundamental, DD – 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