



UNIVERSITETI / UNIVERSITY
"ISA BOLETINI"
MITROVICË

SYLLABUS- FLUID MECHANICS – PROFESSIONAL PRACTICE		
Faculty:	Faculty of Mechanical Engineering and Computers	
Department	Mechanical Engineering	
Level	Bachelor	
Code of the Course	212 IM	
Course	PROFESSIONAL PRACTICE	
Course status	Mandatory	Mandatory , Elective
Semester	(IV)	Winter/ Summer
Nr.of hours per week	2+2	
ECTS	5	
Orari/Salla	-	
Academic Year	2024/2025	
Lecturer	Lecturer: Mr Melihate Shala	
Assistent	Msc. Granit Hajra	
Contact	Professor	Assistant
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Phone		

Title of subject:	PROFESSIONAL PRACTICE
Description of subject:	<p>According to the mentor's instructions, the student chooses the company that has mechanical production activities, which adapts to the curricula of Production Machinery and Economic Engineering. According to the mentor's instructions, students describe the production process, starting from the construction bureau, technical preparation with a description of the technological process, production capacity, type of production and actual production capacity used.</p>
Targets of subject:	Acquisition of theoretical and practical knowledge, operation of the production machinery systems, use of production software, programming of CAD / CAM production systems and preparation of technological processes.
Expected results of student:	<p>Upon completion of the internship, the student will be able:</p> <ul style="list-style-type: none"> • To know how to connect theory with practice • To know how to manipulate and distinguish, classic and numerically controlled machines • To know how to create the harmonization of products with special requirements according to the directives with new methods. • Be able to organize and prepare the design of the technological process with CAD / CAM with other current technologies. • To know and be concretely acquainted with the market conditions of products according to the model of the European Union

Contribution in the load of student (which should correspond with results of gain of the student)			
Activity	Hours	Days/Weeks	Total
Lectures			
Exercises Theoretical /Laboratory			
Practical work (Lab work)			
Contacts with teacher/consultations			
Practice in field	8	20	80
Testing's, seminars			
Homework			
Time of self-study of student (in library or at home)			
Final preparation for exam			
Time spent in evaluation			
Projects, presentations, etc.			
Total			160
Methodology of teaching:	Work in the Industry Facilities		
Report between practical and theoretical part of study:	Theoretical part (%)	Practical part (%)	
	10%	90%	
Basic literature:	Based on the project, and the proposal of the mentor / supervisor.		
Module program:	It is formed for each student separately, in agreement with the management of the Faculty or Institution in which he/she realizes professional internships, in accordance with the needs of the profession for which the student is trained.		
Teaching methodology:	Criteria for verification of knowledge: At the end of the course, the student should defend the work (Note Diary) of professional practice, a criterion for verifying the knowledge gained during the realization of practical training, illustrating it with a concrete example.		