

SYLLABUS

1. Data about the program of study

1.1	Institution	Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Electrical Engineering
1.3	Department	Electrotechnics and Measurements
1.4	Field of study	Electrical Engineering
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/ Qualification	Electrical System Cluj-Napoca in English language
1.7	Form of education	Full time
1.8	Subject code	47.00

2. Data about the subject

2.1	Subject name	Practical Activity II		
2.2	Course responsible/ lecturer	Prof. Eng. MICU Dan Doru, PhD, Dan.Micu@ethm.utcluj.ro		
2.3	Teachers in charge of Seminars/ Laboratory/ Project	Prof. Eng. MICU Dan Doru, PhD, Dan.Micu@ethm.utcluj.ro		
2.4 Year of study	3	2.5 Semester	2	2.6 Type of assessment (<i>E – exam, C – colloquium, V – verification</i>)
2.7 Subject category	<i>DF – fundamental, DD – in the field, DS – specialty, DC – complementary</i>			DS
	<i>DI – compulsory, DO – elective, Dfac – optional</i>			DI

3. Estimated total time

3.1 Number of hours per week:	30	of which	3.2 Course	-	3.3 Seminar	-	3.3 Laboratory	30	3.3 Project	
3.2 Total hours per semester	90	of which	3.5 Course	-	3.6 Seminar	-	3.6 Laboratory	90	3.6 Project	
3.7 Individual study:										
(a) Manual, lecture material and notes, bibliography									10	
(b) Supplementary study in the library, online and in the field										
(c) Preparation for seminars/laboratory works, homework, reports, portfolios, essays										
(d) Tutoring										
(e) Exams and tests										
(f) Other activities										
3.8 Total hours of individual study <i>[sum (3.7(a) to 3.7(f))]</i>					10					
3.9 Total hours per semester <i>[sum of 3.4 and 3.8]</i>					100					
3.10 Number of credit points					4					

4. Prerequisites (where applicable)

4.1	Curriculum	N/A
4.2	Competences	N/A

5. Requirements (where appropriate)

5.1	For the course	
5.2	For the applications	Attendance is mandatory

6. Specific competences

Professional competences	
Cross competences	Identifying Roles and Responsibilities in a Multidisciplinary Team and Applying Effective Relationship and Work Techniques within the Team

7. Discipline objectives (based on specific competencies acquired)

7.1	General objective	Documenting the assigned topic at the internship location, establishing the methodology for approaching and solving its applied component.
7.2	Specific objectives	Documentation on the assigned topic Establishing the internship objectives, completing the required program Drafting a summary report of activities performed (internship logbook)

8. Contents

8.1. Course (Lectures)		Number of hours	Teaching methods	Additional remarks
1				
Bibliography				
8.2. Applications - Seminar /Laboratory/Project		Number of hours	Teaching methods	Additional remarks
1	Defining the objectives of the practical activity. This includes studying electrical and electronic equipment and devices currently in use.	75		
2	Compiling a summary report of completed activities (internship logbook).	15		
Bibliography				
Provided at the internship location.				

9. Alignment of course content with expectations of the epistemic community, professional associations, and representative employers in the field

When defining practical activities, we'll consider the requirements and expectations of the industrial environment.

10. Assessment

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade (%)
10.4 Course	N/A		
10.5 Laboratory	Internship Activity (PASS / FAIL)	Verification of activity and periodic examination. Presentation of internship logbooks	40% 60%
10.6 Minimum standard of performance: Developing and Presenting the Internship Logbook			

Date of completion	Lecturers	Title/ Surname/ Name:	Signature
September 2024	Course		
	Applications Seminar/ Laboratory/ Project	Prof. Eng. MICU Dan Doru, PhD	

Date of approval in the ETHM Department Council September 2024	Head of Department: Prof. Eng. MICU Dan Doru, PhD
Date of approval in the Faculty of Electrical Engineering Council September 2024	Dean: Assoc. Prof. Eng. CZIKER Andrei, PhD