

SYLLABUS

1. Information about the program

1.1 Higher education institution	POLITEHNICA UNIVERSITY OF TIMISOARA
1.2 Faculty ¹ / Departament ²	ELECTRONICS, TELECOMUNICATON AND INFORMATION TECHNOLOGIES
1.3 Field of study (name/code ³)	ELECTRONIC ENGINEERING, TELECOMUNICATION AND INFORMATION TECHNOLOGIES
1.4 Ciclul de studii	License
1.5 Study program (name/code/qualification)	ELECTRONIC ENGINEERING, TELECOMUNICATION AND INFORMATION TECHNOLOGIES

2. Information about discipline

2.1 Name of discipline ⁴ /Formative category ⁵		Diploma Project Elaboration				DS	
2.2 Coordinator / holder of the applied activities		Coordinator					
2.3 Year of study	4	2.4 Semester ^l	8	2.5 Type of evaluation	D	2.6 Regime of discipline	DI
2.7 Academic year ⁶	2023-2024	2.8. Code of discipline					

3. Total estimated time (of partially assisted practical activities)

3.1 Number of hours / week	4/3.14/7.14
3.2 Total of hours in the curriculum	56/44/100
3.3 Number of credits	4

4. Prerequisites

4.1 Curriculum	•
4.2 Competences	•

5. Mission of the discipline Development of the diploma / bachelor thesis project

5.1 Mission	• Diploma Project Elaboration
5.2 Operating conditions of the activity for the discipline of Development of the diploma / bachelor thesis project	•

6. Competences⁷ aquired through the discipline according to its stated mission

Specific competences	•
Professional competences ascribed to specific competences	<ol style="list-style-type: none"> 1. Use of fundamentals in terms of devices, circuits, systems, instrumentation and electronics technology. 2. Application of basic methods for signal acquisition and processing. 3. Application of knowledge, concepts and basic methods related to computer system architecture, microprocessors, microcontrolers, programming languages and techniques. 4. Design, implementation and service operation of data, voice, video multimedia, based on understanding and applying fundamental concepts in communications and information transmission. 5. Selection, instalation, configuration and operation of fixed and mobile equipment and equipping the site with common telecommunication networks. <ul style="list-style-type: none"> • 6. Solving technological problems in fields of applied electornic.

¹ The name of the faculty which manages the educational curriculum to which the discipline Development of the diploma / bachelor thesis project belongs.

² The name of the department which shall coordinate and evaluate the discipline Development of diploma / bachelor thesis project.

³ The code provided in HG - on the approval of the Nomenclature of fields and specializations / study programs, annually updated.

⁴ The undergraduate studies graduation paper bears the name of Diploma thesis project for the fundamental domain Engineering studies and the name of Bachelor thesis for other fundamental domains study programs offered by the UPT.

⁵ The formative category shall be assigned according to the specific standards of ARACIS..

⁶ The academic year shall be correlated with the code of the discipline. E.g.: code Lxxx.20.yy.zz for the discipline Development of the diploma / bachelor thesis project indicates the academic year 2020/2021.

⁷ Specific competences shall be formulated according to the objectives of the discipline Development of the diploma / bachelor thesis project. Only those professional and transversal competences from the curriculum shall be inscribed to the formation of which the specific competences contribute.

Transversal competences ascribed to the specific competences	<ol style="list-style-type: none"> 1. Methodical analysis of field-related problems aimed at identifying acknowledged solutions, thus ensuring the accomplishment of professional tasks. 2. Definition of activity stages and their distribution to subordinates in terms of responsibilities, providing effective exchange of information and interpersonal communication. • 3. Adaptation to new technologies, professional and personal development through continuous training, using printed documentation sources, specialized software and electronic resources in Romanian and at least one foreign language
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7. Objectives of discipline (associated to competences at point 6))

7.1 General objective of discipline	•
7.2 Specific objectives	•

8. Theme of discipline Development of the diploma / bachelor thesis project⁸

8.1 Theme of the diploma / bachelor thesis project	
Each year, the students can chose from a list of themes	
8.2 Types of activities	8.3 Duration

9. Student tasks⁹

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10. Evaluation

10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share of the criterium to the final grade
Development of the diploma / bachelor thesis project	Analysis of the diploma / bachelor thesis project	100%
10.4 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which such knowledge is verified ¹⁰)		
The development of the diploma / bachelor thesis project shall be finished within the deadline and under the conditions communicated by the coordinator.		

Date of approval in the Faculty Council ¹¹

14.09.2023

Dean
(signature)

Date of completion

08.07.2023

Head of Department
(signature)

⁸ Given that, for any undergraduate program, the specific themes of the graduation thesis projects may vary, sections 8.1 and 8.2 shall comprise unique structures for the presentation of the specific theme and its associated activities. Such structures shall be decided upon by the subject area board, according to the regulations of the Faculty Council, which shall be developed according to the Regulations regarding the Organization and Development of the Undergraduate Programs in force within the UPT, and to the Regulations regarding the Organization and Operating Conditions of the graduation examinations within the UPT, http://www.upt.ro/Informatii_reglementari_referitoare_la_ciclu_de_licenta_187_ro.html. The adopted structures shall be compulsory for any coordinator / tutor of graduation thesis projects upon their listing of themes for diploma / bachelor thesis projects.

⁹ Students' Tasks shall be decided upon according to Sarcinile studentului se sintetizează în concordanță cu *Regulations regarding the Organization and Development of the Undergraduate Programs in force within the UPT, and to the Regulations regarding the Organization and Operating Conditions of the graduation examinations within the UPT*, or according to the regulations adopted by the Faculty Council.

¹⁰ The section will not elaborate on the graduation criteria, but on the results based on which the minimum grade shall be awarded.

¹¹ The approval shall be preceded by a discussion within the faculty council regarding the point of view of the board that coordinates the respective study program as per the syllabus of the discipline Development of the diploma / bachelor thesis project.

