

# SYLLABUS

## 1. Information about the program

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

## 2. Information about the discipline

2.1 Name of discipline/Formative category <sup>4</sup>	Practical Training 1 – domain /DD						
2.2 Coordinator / holder of the applied activities							
2.3 Year of study <sup>5</sup>	3	2.4 Semester	5	2.5 Type of evaluation	C	2.6 Regime of discipline <sup>6</sup>	DI

## 3. Total estimated time (of the practical activities, or partially assisted activities)

3.1 Number of hours/week	8,93
3.2 Total number of hours in the curricullum	125
3.3 Number of credits	5

## 4. Prerequisites

4.1 Curriculum	•
4.2 Competences	•

## 5. Mission of the discipline Practice and operating conditions

5.1 Mission	•
5.2 Operating conditions of the activities	•

## 6. Competences aquired through the discipline according to its stated mission

Specific compences	•
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<sup>1</sup> The name of the faculty which manages the educational curriculum to which the discipline belongs

<sup>2</sup> The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.

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

<sup>4</sup> Discipline falls under the educational curriculum in one of the following formative disciplines: Basic Discipline (DF), Domain Discipline (DD), Specialist Discipline (DS) or Complementary Discipline (DC).

<sup>5</sup> Year of studies in which the discipline is provided in the curriculum.

<sup>6</sup> Discipline may have one of the following regimes: imposed discipline (DI) or compulsory discipline (DOb)-for the fundamental fields of study other than engineering.

Professional competences ascribed to specific competences	<ol style="list-style-type: none"> <li>1. Use of fundamentals in terms of devices, circuits, systems, instrumentation and electronics technology.</li> <li>2. Application of basic methods for signal acquisition and processing.</li> <li>3. Application of knowledge, concepts and basic methods related to computer system architecture, microprocessors, microcontrollers, programming languages and techniques.</li> <li>4. Design, implementation and service operation of data, voice, video multimedia, based on understanding and applying fundamental concepts in communications and information transmission.</li> <li>5. Selection, instalation, configuration and operation of fixed and mobile equipment and equipping the site with common telecommunication networks.</li> </ol> <ul style="list-style-type: none"> <li>• 6. Solving technological problems in fields of applied electronic.</li> </ul>
Transversal competences ascribed to the specific competences	<ol style="list-style-type: none"> <li>1. Methodical analysis of field-related problems aimed at identifying acknowledged solutions, thus ensuring the accomplishment of professional tasks.</li> <li>2. Definition of activity stages and their distribution to subordinates in terms of responsibilities, providing effective exchange of information and interpersonal communication.</li> </ol> <ul style="list-style-type: none"> <li>• 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</li> </ul>

### 7. Objectives of discipline (associated to competences at point 6)

7.1 General objective of discipline	<ul style="list-style-type: none"> <li>• Solving a topic or project related to the chosen domain</li> </ul>
7.2 Specific objectives	<ul style="list-style-type: none"> <li>• Practical application of theoretical knowledge acquired during teaching activities</li> </ul>

### 8. Theme of applied activities / practice<sup>7</sup>

8.1 Theme of the practice	
8.2 Types of activities	8.3 Duration
	125 ore

### 9. Student tasks<sup>8</sup>

### 10. Evaluation

10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share of the final grade
Colloquium	Establishing the level of acquisition of professional skills and the behaviour/modality of integration in the work of the internship partner	100%
10.4 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which such knowledge is verified <sup>9</sup> )		
•		

Date of completion

Course coordinator  
(signature)

Coordinator of applied activities  
(signature)

<sup>7</sup> The types of activities are to be described according to the Faculty's Regulations for Practical activities, and to the specific subject area.

<sup>8</sup> Student tasks are to be described according to the Faculty's Regulations for Practical activities.

<sup>9</sup> The graduation qualification criteria shall not be explained.

01.07.2023

**Head of Department  
(signature)**

**Date of approval in the Faculty Council <sup>10</sup>**

08.07.2023

**Dean  
(signature)**

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<sup>10</sup> The endorsement is preceded by the discussion of the board's view of the study program on the discipline record.