# SYLLABUS

## 1. Data about the program of study

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|---|---|---|
| 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/ Engineering |
| 1.7 | Form of education | Full time |
| 1.8 | Subject code | 15.10 |

## 2. Data about the subject

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|---|---|---|---|---|---|---|
| 2.1 | Subject name | | | | French I | |
| 2.2 | Course responsible/ lecturer | | | | Lect. dr. Cristina Măluțan, *Cristina.Malutan@lang.utcluj.ro* | |
| 2.3 | Teachers in charge of Seminars/ Laboratory/ Project | | | | | |
| 2.4 Year of study | | I | 2.5 Semester | 2 | 2.6 Type of assessment *(E – exam, C – colloquium, V – verification)* | C |
| 2.7Subject category | | *DF – fundamental, DD – in the field, DS – specialty, DC – complementary* | | | | DC |
| | | *DI – compulsory, DO – elective, Dfac – optional* | | | | DO |

## 3. Estimated total time

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|---|---|---|---|---|---|---|---|---|---|---|
| 3.1 Number of hours per week: | 2 | of which | 3.2 Course | 2 | 3.3 Seminar | | 3.3 Laboratory | - | 3.3 Project | - |
| 3.2Total hours per semester | 28 | of which | 3.5 Course | 28 | 3.6 Seminar | | 3.6 Laboratory | - | 3.6 Project | - |

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| 3.7Individual study: | |
| (a) Manual, lecture material and notes, bibliography | 8 |
| (b) Supplementary study in the library, online and in the field | 4 |
| (c) Preparation for seminars/laboratory works, homework, reports, portfolios, essays | 8 |
| (d) Tutoring | |
| (e) Exams and tests | 2 |
| (f) Other activities | |

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| 3.8 Total hours of individual study *[sum (3.7(a) to 3.7(f))]* | 22 |
| 3.9 Total hours per semester *[sum of 3.4 and 3.8]* | 50 |
| 3.10 Number of credit points | 2 |

## 4. Prerequisites (where applicable)

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| 4.1 | Curriculum | - |
| 4.2 | Competences | Language proficiency level A2-B2 (according to the Common European Framework of Reference for Languages and the European Language Portfolio). |

## 5. Requirements (where appropriate)

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| 5.1 | For the course | |

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| 5.2 | For the applications | Attendance is compulsory |

**6. Specific competences**

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| Professional competences | - Correct and appropriate use of grammatical and linguistic structures in the foreign language<br><br>- Identifying the distinctive features of the foreign language for specific purposes and using the basic elements of scientific discourse (lexicon, linguistic and grammatical structures) |
| Cross competences | - Identify opportunities for further training and make effective use of learning resources and techniques for their own development.<br>- Facilitate foreign language documentation skills for specialist areas by ensuring an appropriate level of language competence.<br>- Identifying roles and responsibilities in a multi-specialized, multinational and multilingual team; making decisions and assigning tasks, applying effective interpersonal and working techniques in a multinational team. |

**7. Expected learning outcomes**

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| Knowledge | The student/graduate demonstrates the ability to effectively communicate aspects and results of engineering activities to various categories of public, adapting his/her discourse to the level of expertise and the needs of the interlocutors. |
| Abilities | The student/graduate communicates fluently, both in his mother tongue and in an international language, reports, documentation, presentations about engineering projects. |
| Responsibility and autonomy | The student/graduate adheres to the professional principles and norms of engineering communication, using appropriate language and conveying information accurately and clearly. The student/graduate acts with rigor and professionalism in drafting engineering documentation, ensuring integrity, coherence and compliance of the information with the standards of the field. |

**8. Discipline objectives (based on specific competencies acquired)**

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| 8.1 | General objective | Developing communicative competence in a technical professional context. |
| 8.2 | Specific objectives | - differentiating types of discourse and understanding different types of technical texts;<br>- extract specific and general information from an audio or written text;<br>- formulating opinions, assessments, recommendations and hypotheses in formal/informal discussions on general and/or specialized topics;<br>- draft clear and coherent texts appropriate to the technical professional context<br>- communicating effectively in a professional environment where the use of a foreign language is required. |

**9. Contents**

| **9.2. Course** | | Number of hours | Teaching methods | Additional remarks |
|---|---|---|---|---|
| 1. | Introduction to the language of exact sciences Highlighting the differences between general language and specialized language (morphology, syntax, discourse) | 2 | Interactive teaching, individual or team/pair work, individual and group/pair mini projects.<br><br>Listening/viewing audio/video material | Exercises and tasks are selected according to the level of competence appropriate to the group |
| 2 | Description of geometric shapes; expression of distances, units of measurement, mathematical and physical operations and formulas | 2 | | |
| 3 | Description of events, their timeline, sequence, and duration | 2 | | |
| 4 | Word formation processes in technical language: derivation using prefixes and suffixes; compounding | 2 | | |
| 5 | Linguistic interferences in technical language: neologisms and anglicisms; acronyms | 2 | | |
| 6 | Idiomatic expressions and verbal/noun structures specific to technical language | 2 | | |
| 7 | Expression of causal, adversative, temporal, and modal relationships | 2 | | |
| 8 | Syntactic structures focused on processes; impersonal expressions | 2 | | |
| 9 | Methods for understanding technical and scientific texts: global, sequential, and detailed comprehension | 2 | | |
| 10 | Extraction and insertion of specific and general information from/into a text | 2 | | |
| 11 | Restructuring and reformulation of written information from specialized texts; text reduction strategies | 2 | | |
| 12 | Methods for verbalizing diagrams, charts, and graphical representations | 2 | | |
| 13 | Professional dialogue: forms of address and cultural conventions; summarizing audio information | 2 | | |
| 14 | Final assessment test – written | 2 | | |

Bibliography


1. BĂRBÎNŢĂ, Aurel, Le français pour les étudiants en génie électrique, Cluj-Napoca, U.T.Press, 2018.
2. LAHMIDI, Zara, Science-Technique.com Activités. Éditions Clé International, 2005.
3. MORTUREUX, Marie-Françoise. La lexicologie entre langue et discours, Paris, SEDES,1997.
4. VIGNER, Gérard, MARTIN, Alix, Le français technique, Paris, Librairies Hachette et Larousse, coll. « Le français dans le monde/B.E.L.C. », 1976.


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

Mastering a foreign language will allow a more flexible integration of graduates into the labor market, as well as access to personal professional development. The introduction to the specialized language will facilitate the ability to document and keeping up-to-date with state of the art knowledge in students' professional field.

**11. Assessment**

| Activity type | 11.1 Assessment criteria | 11.2 Assessment methods | 11.3 Weight in the final grade (%) |
|---|---|---|---|
| 11.4 Course | Acquisition of specialized vocabulary and related grammatical concepts; fluency and accuracy in both spoken and written foreign language.<br>The student portfolio, including individual study assignments, is graded if submitted within the established deadlines. | Continuous assessment (oral + individual study portfolio assignments)<br>Final written exam (onsite/online, depending on the mode of course delivery)<br><br>For online assessments, students' audio and video presence is mandatory. | 40%<br>60% |
| 11.6 Minimum standard of performance:<br>Appropriate written and oral expression on a given topic. The final mark will be calculated if each component of the final assessment is at least 60% correct. | | | |

| Date of completion | Lecturers | Title/ Surname/ Name: | Signature |
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| September 2025 | Course | | |
| | Applications Seminar/ Laboratory/ Project | Lect. MĂLUȚAN Cristina, PhD | |
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| **Date of approval in the ETHM Department Council**<br><br>**January 2026** | **Head of Department:**<br><br>Prof. Eng. Dan Doru MICU, PhD |
| **Date of approval in the Facultyof Electrical Engineering Council**<br><br>**February 2026** | **Dean:**<br>Assoc. Prof. Eng. CZIKER Andrei, PhD |