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	59

2. Data about the subject

2.1	Subject name			Ethics and academic integrity		
2.2	Course responsible/ lecturer			*Assoc. prof. Ștefan Cîrstea, PhD - stefan.cirstea@enm.utcluj.ro*		
2.3	Teachers in charge of Seminars/ Laboratory/ Project			-		
2.4 Year of study	IV	2.5 Semester	2	2.6 Type of assessment *(E – exam, C – colloquium, V – verification)*	C	
2.7 Subject category	*DF – fundamental, DD – in the field, DS – specialty, DC – complementary*				DC	
	DI – compulsory, DO – elective, Dfac – optional				DO	

3. Estimated total time

3.1 Number of hours per week:	1	of which	3.2 Course	1	3.3 Seminar	-	3.3 Laboratory	-	3.3 Project	-
3.2 Total hours per semester	14	of which	3.5 Course	14	3.6 Seminar	-	3.6 Laboratory	-	3.6 Project	-

3.7 Individual study:	
(a) Manual, lecture material and notes, bibliography	6
(b) Supplementary study in the library, online and in the field	2
(c) Preparation for seminars/laboratory works, homework, reports, portfolios, essays	1
(d) Tutoring	1
(e) Exams and tests	1
(f) Other activities	

3.8 Total hours of individual study *[sum (3.7(a) to 3.7(f))]*	11
3.9 Total hours per semester *[sum of 3.4 and 3.8]*	25
3.10 Number of credit points	1

4. Prerequisites (where applicable)

4.1	Curriculum	Not applicable
4.2	Competences	Not applicable

5. Requirements (where appropriate)

5.1	For the course	Classroom/ Multimedia technologies
5.2	For the applications	-

6. Specific competences

Professional competences	• Enhancing the capacity for analysis, synthesis, and interpretation of situations with moral significance. • Developing skills to properly use moral thinking tools in daily life, such as discernment, reasoning, argumentation, and defending a point of view, among others. • Demonstrating the acquisition of abilities to identify, evaluate, and construct/deconstruct solutions to moral dilemmas. • Knowing and identifying the best methods for resolving ethical issues. • Competence in limiting, identifying, and resolving potentially conflicting situations with ethical implications. • Skills in drafting and implementing codes of ethics and professional conduct. • Developing professional projects by using established methods and principles in the field of study: ethics and professional deontology. • Self-evaluation and continuous improvement of professional practices and career progression.
Cross competences	• Applying the principles, norms, and values of professional ethics within one's own strategy for rigorous, efficient, and responsible work. • Identifying opportunities for continuous learning and efficiently utilizing resources and learning techniques for personal development. • Recognizing the relationship between responsibility, trust, loyalty on one side, and achieving financial and professional success on the other. • Understanding the main areas where ethical dilemmas arise and the methods to resolve them. • Engaging in research activities, such as conducting documentation, preparing bibliographic summaries, and potentially authoring specialized reports and articles. • Participating in scientific projects and demonstrating the ability to identify opportunities for future professional development.

7. Expected learning outcomes

Knowledge	The student/graduate describes, identifies, and summarizes basic concepts and methods related to policies and legislation applicable in a given field.
Abilities	The student/graduate uses databases, standards, codes of good practice, and safety regulations. The student/graduate evaluates the impact of engineering solutions in a social environment, also taking into account the environmental context.
Responsibility and autonomy	The student/graduate acts in accordance with the principles and professional standards of engineering practice.

8. Discipline objectives (based on specific competencies acquired)

8.1	General objective	Proper acquisition of concepts specific to ethics and academic integrity for their application in developing a responsible professional career, with moral conduct serving as an important benchmark of professionalism.

8.2	Specific objectives	• Developing the ability to understand, appreciate, and value the main perspectives on academic ethics. • Developing skills to identify and solve problems with ethical implications (ethical dilemmas). • Acquiring the knowledge and skills necessary to understand, respect, create, and implement codes of ethics and professional integrity. • Gaining the ability to distinguish between ethics, morality, and moral conduct. • The ability to formulate personal opinions related to moral law, moral conscience, and moral responsibility. • Gaining the capacity to recognize and establish a set of common moral norms and values.

9. Contents

9.1. Course (Lectures)		Number of hours	Teaching methods	Additional remarks
1	Academic Ethics: Etymology, Concepts, Definitions, Mission, Domains, and Divisions	2		
2	Moral values and norms. Ethical dilemmas	2		
3	Standards of integrity in teaching and research activities in higher education - Ethical codes: errors and sanctions. professional ethical codes	2		
4	Scientific research activity – Specific integrity standards	2		
5	Plagiarism - Ethical issues in research and publishing	2		
6	Ethical issues in scientific work	2		
7	Legislative regulations in the field. Future and perspectives	2		

Bibliography

[1] Miroiu, A., (1995). Etica aplicata. Bucuresti: Editura Alternative, Filosofie & Societate
[2] Singer, P. (2017). Altruismul eficient. Ghid pentru o viaţă trăită în mod etic. Bucureşti: Editura Litera
[3] Boncu, S. (2000). Devianţa tolerată. Iași: Editura Universităţii Al. I. Cuza.
[4] Chiriac, Violeta, trad. (2005), Etica și eficiența profesională, Ediția a - II-a, Editura All, București
[5] Crăciun, D. (2005). Etica în afaceri. Bucureşti: Editura A.S.E.
[6] Sercan, E. - Deontologie academica: ghid practic, Ed. Universitatii din Bucuresti, 2017
[7] Sarpe, D., Popescu D., Neagu A., Ciucur, V. - Standarde de integritate în învățământul universitar, ediție online, UEFISCDI, București, 2011 (http://uefiscdi.gov.ro)

9.2. Applications - Seminar /Laboratory/Project		Number of hours	Teaching methods	Additional remarks
-	-	-	-	-

Bibliography

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

The content of the course addresses thematic areas in the field that are discussed at both the national and international levels at this stage of study, providing the foundation for the development of students'

professional and transversal competencies. Students who successfully complete this course will be able to understand, interpret, and appropriately apply these standards, identify forms of academic integrity violations, and the sanctions they entail. These competencies are essential for master's students to have a proper understanding of the rights and responsibilities derived from being a member of the academic community, and are also necessary for them as future engineers in their specialized fields.

11. Assessment

Activity type	11.1 Assessment criteria	11.2 Assessment methods	11.3 Weight in the final grade (%)
11.4 Course	Understanding the basic concepts and terminology	Exam	100 %
11.5 Laboratory	-	-	-
11.5 Project	-	-	-
11.6 Minimum standard of performance: Grade ≥ 5			

Date of completion	**Lecturers**	**Title/ Surname/ Name:**	**Signature**
January 2026	Course	*Assoc. prof. Ștefan Cîrstea, PhD*	
	Applications Seminar/ Laboratory/ Project	-	-
		-	-

Date of approval in the ETHM Department Council January 2026	**Head of Department:** Prof. Eng. MICU Dan Doru, PhD
Date of approval in the Faculty of Electrical Engineering Council February 2026	**Dean:** Assoc. Prof. Eng. CZIKER Andrei, PhD