SYLLABUS

1. Data about the program of study

1.1 Institution	The Technical University of Cluj-Napoca
1.2 Faculty	Faculty of Automation and Computer Science
1.3 Department	Automation
1.4 Field of study	System's Engineering
1.5 Cycle of study	Master
1.6 Program of study / Qualification	
1.7 Form of education	Full time

2. Data about the subject

2.1 Subject name	*Ethics and Academic Integrity*		Subject code		**17.00**
2.2 Course responsible / lecturer	Lecturer Ph.D. Naghiu Mihai-Octavian - Mihai.Naghiu@dppd.utcluj.ro				
2.3 Teachers in charge of seminars / Laboratory / project					
2.4 Year of study	2	2.5 Semester	1	2.6 Type of assessment (E - exam, C - colloquium, V – verification)	E
2.7 Subject category	Formative category: DA – advanced, DS – speciality, DC – complementary				DC
	Optionality: DI – imposed, DO – optional (alternative), DF – optional (free choice)				DI

3. Estimated total time

3.1 Number of hours per week	1	of which:	Course	1	Seminars		Laboratory		Project	
3.2 Number of hours per semester	14	of which:	Course	14	Seminars		Laboratory		Project	

3.3 Individual study:	
(a) Manual, lecture material and notes, bibliography	10
(b) Supplementary study in the library, online and in the field	10
(c) Preparation for seminars/laboratory works, homework, reports, portfolios, essays	10
(d) Tutoring	4
(e) Exams and tests	2
(f) Other activities:	

3.4 Total hours of individual study (suma (3.3(a)…3.3(f)))	36
3.5 Total hours per semester (3.2+3.4)	50
3.6 Number of credit points	2

4. Pre-requisites (where appropriate)

4.1 Curriculum	
4.2 Competence	

5. Requirements (where appropriate)

5.1. For the course	
5.2. For the applications	

6. Specific competence

6.1 Professional competences	- Applies the principles of scientific ethics and integrity in research activities - Demonstrates disciplinary expertise - Manage personal professional development - Manages intellectual property rights - Thinks abstractly - Complies with regulations on prohibited materials
6.2 Cross competences	- Show initiative - Think analytically

7. Expected Learning Outcomes

Knowledge	By the end of the course/program, students will be able to: 1. Explain major ethical theories and frameworks (e.g., utilitarianism, deontology, virtue ethics, care ethics). 2. Describe key concepts such as moral responsibility, justice, rights, autonomy, and integrity. 3. Identify ethical issues in personal, professional, and societal contexts. 4. Compare cultural, religious, and philosophical perspectives on ethical decision-making. 5. Understand relevant codes of ethics and professional standards.
Skills	By the end of the course/program, students will be able to: 1. Analyze ethical dilemmas using structured ethical reasoning methods. 2. Evaluate arguments and detect fallacies or biases in moral reasoning. 3. Apply ethical theories to real-world cases and professional scenarios. 4. Communicate ethical judgments clearly in written and oral form. 5. Make well-reasoned decisions while considering stakeholders and consequences. 6. Engage respectfully in ethical debate and dialogue
Responsibilities and autonomy	By the end of the course/program, students will be able to: 1. Demonstrate honesty, integrity, and accountability in academic and professional contexts. 2. Show respect for human dignity, diversity, and differing moral viewpoints. 3. Accept responsibility for the consequences of their decisions and actions. 4. Promote ethical behavior in organizations and communities. 5. Recognize and challenge unethical practices. 6. Commit to continuous ethical reflection and personal moral development.

8. Discipline objective (as results from the *key competences gained*)

8.1 General objective	Creating a culture of academic integrity.
8.2 Specific objectives	Acquiring awareness of the relationship between personal and professional development in ethical terms. Understanding the involvement of ethics in your own training and professional development process. Analysis of fundamental deontological concepts and the distinction between public morals and professional ethics.

9. Contents

9.1 Lectures	Hours	Teaching methods	Notes
Introduction to ethics. Fundamentals.	2	Intensive lecture Case studies Problem-solving Brainstorming Debate	
Conceptual boundaries. Classification and analysis of different types of ethics.	2		
The practical importance of ethics. The study of the link between ethics and the communication-behavior nexus.	2		
Analyzing the implications of ethics in academia. The importance and structure of the code of ethics in an organization. The Theory of values.	2		

	Hours		
Critical perspectives on the practical implications of ethics in responsible decision making. Professional integrity and ethics.	2		
The ethical stake in scientific research. The problem of originality and innovation. Norms and rigors of scientific research.	2		
Analysis of the effectiveness of ethical practices used in conflict resolution.	2		

Bibliography:

- Barrow R., Keeney P., Academic Ethics, The International Library of Essays in Public and Professional Ethics, 2006.
- Bentham Jeremy, An Introduction to the Principles of Morals and legislation, Ed. Dover Publications, 2007.
- Cahn Steven, Morality, Responsibility, and the University: Studies in Academic Ethics, Temple University Press, 1990
- Chomsky Noam, The Chomsky - Foucault Debate: On Human Nature, Ed. New Press, 2006.
- Englehardt, E.E., Pritchard, M.S., Romesburg, K.D., Schrag, B, The Ethical Challenges of Academic Administration, Springer, 2009.
- James William, Pragmatism, Ed. Bruce Kuklick. Indianapolis: Hackett, 1981.

9.2 Applications - Seminars/Laboratory/Project	Hours	Teaching methods	Notes

Bibliography

Se vor preciza, după caz: tematica seminariilor, lucrările de laborator, tematica și etapele proiectului.

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

Knowing, using, as well as the permanent improvement of ethical practice is a necessity and represents an indispensable aspect in human development. The discipline offers students the opportunity to access a higher level in terms of understanding the concept of "ethics" as well as the use of ethical principles in various situations. At the same time, the understanding and application of ethical principles is an imperative for ensuring moral integrity both individually and collectively.

10. Evaluation

Activity type	Assessment criteria	Assessment methods	Weight in the final grade
Course	Assessment criteria will include: correctness, completeness, conciseness, fluency, and clarity of the resolution of the requirements.	Written exam	100%
Seminar			
Laboratory			
Project			
Minimum standard of performance: Mastery of the scientific information that was transmitted through courses. Obtaining the minimum passing grade in the evaluation is a condition for promotion.			

Date of filling in: 01.09.2025	Responsible	Title First name Last name	Signature
	Course	Lecturer Ph.D. Mihai-Octavian NAGHIU	
	Applications		

Date of approval in the department of Automation	Head of department, Prof.dr.eng. Honoriu Valean
Date of approval in the Faculty Council	Dean, Prof.dr.eng. Vlad Mureșan