Syllabus

1. Data about the program of study

1.1 Institution	Technical University of Cluj-Napoca
1.2 Faculty	Automation and Computer Science
1.3 Departament	Automation
1.4 Field of study	Systems Engineering
1.5 Cycle of study	Bachelor of Science
1.6 Program of study/Qualification	Automation and Applied Informatics (English)
1.7 Form of education	Full time
1.8 Subject code	52.30

2. Data about the subject

2.1 Subject name	*Academic Ethics and Integrity*					
2.2 Course responsible/lecturer	Lect. Peculea Lorena (lorena.peculea@dppd.utcluj.ro)					
2.3 Teachers in charge of applications	-					
2.4 Year of study	4	2.5 Semester	1	2.6 Assessment *(E/C/V)*		C
2.7 Type of subject	*DF – fundamental, DID – in the field, DS – specialty, DC – complementary*					DC
	DOB – compulsory, DOP – elective, FAC – optional					DO

3. Estimated total time

3.1 Number of hours per week	2	of which:	Course	2	Seminar		Laboratory	Project	
3.2 Number of hours per semester	28	of which:	course	14	Seminar		Laboratory	Project	

3.3 Individual study	
(a) Manual, lecture material and notes, bibliography	12
(b) Supplementary study in the library, online and in the field	4
(c) Preparation for seminars/laboratory works, homework, reports, portfolios, essays	4
(d) Tutoring	-
(e) Exams and tests	2
(f) Other activities:	-

3.4 Total hours of individual study (sum of (3.3(a)…3.3(f)))	22
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	Active and interactive learning conditions, didactic activities based on heuristic and creative strategies, on problematic learning situations, but also on practical-applicative situations; **Onsite scenario**: use of computer, video projector and internet connection; **Online scenario**: collaborative platforms (MS Teams etc.)
5.2. For the applications	-

6. Specific competences

6.1 Professional competences	**PC1.** Identifying and assimilating the concepts, theories, principles specific to academic ethics and integrity and the main methodological guidelines specific to these fields; **PC2.** Explaining, interpreting and appropriately using ideas and concepts in solving problems of academic ethics and integrity; **PC3.** Developing the ability to understand, interpret and apply codes of ethics; **PC4.** Knowledge of ethical norms during scientific research and publication of results;

	PC5. Use of research data according to standards of academic ethics and integrity.
6.2 Cross competences	CC1. Approaching in a realistic way, with both theoretical and practical arguments, some problem situations with a medium degree of difficulty, in order to solve them efficiently; CC2. Applying efficient work techniques in a multidisciplinary team with the performance of certain tasks at various levels; CC3. Developing specialized language, by making logical connections between them, by making conceptual transfers in order to explain and substantiate the educational and/ or professional action; CC4. Manifesting a positive and responsible attitude towards the field of academic ethics and integrity; CC5. Cultivating a scientific environment focused on democratic values and relations.

7. Course objectives

7.1 General objective	Knowledge, understanding and appropriate use of fundamental concepts of academic ethics and integrity.
7.2 Specific objectives	1. To properly acquire the specific concepts of academic ethics and integrity; 2. To develop their abilities to know, appreciate and value the main norms, standards, paradigms regarding academic ethics; 3. To acquire the knowledge and skills necessary for understanding, respecting, interpreting and implementing codes of academic ethics and integrity; 4. To develop the skills of analyzing the different policies and results of the integrity issues of teachers and students; 5. To understand the concepts necessary for the elaboration of academic/ scientific papers in accordance with the principles of academic ethics and integrity; 6. To know the concept of plagiarism, the use of anti-plagiarism programs, the way of working and limitations, the concepts of intellectual property and copyright; 7. To identify specific instruments for measuring and promoting a culture of integrity in the university environment.

8. Contents

8.1 Lecture	No.hours	Teaching methods	Notes
1. Introduction to academic ethics and integrity Moral, ethics, deontology, academic integrity - conceptual clarifications. The current epistemic status of ethics. Divisions of ethics, functions of ethics. Interdisciplinary and integrative approaches	2h		
2. The topicality of academic ethics and integrity, of research ethics Academic ethics. Importance of academic integrity. Consequences of lack of academic integrity. Ethical conduct in scientific research. Problems, dilemmas, solutions in the face of situations of violation of academic integrity	2h		
3. Institutional instruments for the promotion of academic ethics Ethics and academic integrity in the University Charter and in the Codes of Ethics and Integrity of the national universities. Ethics Commissions. Academic responsibilities and rights	2h		

4. The content of the Codes of academic ethics and integrity. Moral issues in universities/ academic malpractice University autonomy and academic freedom. Ethical and unethical academic conduct - effects, sanctions		**Onsite scenario:** interactive lecture, debating texts, case studies, problematization, heuristic conversation **Online scenario:** interactive lecture, case studies, problematization, questions and discussions using collaborative platforms (MS Teams, etc.)	Capitalizing on students' previous acquisitions. They are encouraged to ask questions.
5. Standards of integrity in the field of teaching and research in higher education Specific relationships, types of behaviors for teachers, students, other beneficiaries of the teaching process. National and international best practices	2h		
6. The didactic process - approach from the perspective of integrity Forms and tools of students' academic activity. Development of teaching materials. Academic ethics and integrity reflected in research: causes, factors, implications, cheating student profile	2h		
7. Scientific research activity - specific integrity standards Scientific research and professional development of the intellectual. Good conduct in scientific research. Teamwork in scientific research	2h		
8. Standards for the elaboration of scientific papers Rules regarding the study completion work. The structure of a scientific paper. Citation and bibliography	2h		
9. Standards for the elaboration of scientific papers Scientific report. Scientific article. Scientific research project	2h		
10. Intellectual property: copyright, patent, trademark Copyright, industrial property, innovation and invention - conceptual delimitations, specific problems	2h		
11. Ethical issues in the elaboration of scientific papers Plagiarism and self-plagiarism as forms of university fraud - prevention actions and ways of combating. Electronic means of verifying the originality of works: advantages, limits	2h		
12. Misconduct in scientific research. Other ethical aspects of research and publication Falsification and fabrication of data, ghost writing, repeated publication of the same content etc. Whistleblowers, authorship of scientific articles, peer review, open access policy etc.	2h		
13. Relevant legislative regulations Legislation on academic ethics and integrity	2h		

	No.hours	Teaching methods	Notes
14. Promoting and evaluating the culture of academic integrity. Institutionalization of ethics Ways to promote academic integrity in academia. Recommendations for developing a culture of academic integrity	2h		

Bibliography:
1. Papadima, L. (coord.). (2017). *Deontologie academică. Curiculum cadru*. București: Editura Universității din București, disponibil la http://mepopa.com/Pdfs/papadima_2017.pdf
2. Socaciu, E., Vică, C., Mihailov, E., Gibea, T., Mureșan, V., Constantinescu, M. (2018). *Etică și integritate academică*. București: Editura Universitatii din Bucuresti, disponibil la https://deontologieacademica.unibuc.ro/wp-content/uploads/2018/11/Etica-si-integritate-academica.pdf
3. Șarpe, D., Popescu D., Neagu A., Ciucur, V. (2011). *Standarde de integritate în învățământul universitar* (ediție online), UEFISCDI, București, disponibil la http://uefiscdi.gov.ro
4. Șercan, E. (2017). *Deontologie academică. Ghid Practic*. București: Editura Universității din București.
5. *** ALLEA (ed.). (2017). *The European Code of Conduct for Research Integrity* (Revised Edition). Berlin: ALL European Academies, disponibil la http://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020-ethics_code-of-conduct_en.pdf
6. *** ANOSR și SAR. (2017). *Ghid de scriere academică pentru studenți*, disponibil la file:///C:/Users/Admin/Desktop/etica/materiale/Ghid-de-scriere-academică-pentru-studenți.compressed-1.pdf
7. *** Carta Universității Tehnice din Cluj-Napoca, disponibilă la https://www.utcluj.ro/media/page_document/245/Carta_UTCN_actualizata_24aprilie2015.pdf
8. *** Legea 319/2003 privind Statutul personalului de cercetare-dezvoltare, publicată în M.O. nr. 530 din 23.07.2003, cu ultima modificare prin Legea nr. 69/2018, publicată în M.O. nr. 245 din 20.03.2018.
9. *** Legea 206/2004 (modificată și completată) privind buna conduită în cercetarea științifică, dezvoltarea tehnologică și inovare, publicată în M.O. nr. 505 din 04.06.2004, cu ultima modificare prin O.G. nr. 2/2016, publicată în M.O. nr. 51 din 21.01.2016, aprobată prin Legea nr. 178/2016.
10. *** Legea Educației Naționale nr. 1/2011, cu modificările și completările ulterioare, disponibilă la https://legeaz.net/legea-educatiei-nationale-1-2011/

8.2 Aplications (seminar/laboratory/project)	No.hours	Teaching methods	Notes
-	-	-	-

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

The discipline *Academic Ethics and Integrity* is meant to contribute to the familiarization of students with the norms and standards of a moral and ethical nature that give content to the notion of integrity in academic activity. Students who successfully complete this course will be able to understand, interpret, properly apply these rules and identify forms of violations of academic integrity and the sanctions they entail. The content of the discipline responds to the thematic areas in the field approached at national and international level at this cycle of studies, constituting premises for the development of students' professional and transversal competences.

10. Evaluation

Activity type	Assessment criteria	Assessment methods	Weight in the final grade
Course	The correctness, completeness and accuracy of the theoretical knowledge approached, the degree of acquisition of the specialized language, the capacity of analysis, synthesis and integration of the acquired knowledge, the capacity of critical argumentation, the capacity to	Summative assessment – onsite colloquium Continuous assessment - presentation of a portfolio with papers developed during the semester	60% 40%

	relate the specialized knowledge with real situations		

Minimum standard of performance:
• acquiring the main notions, ideas, theories, knowledge of basic problems in the field;
• operationalization of key concepts;
• recognizing and illustrating conflict situations from the perspective of academic ethics and imagining ways to prevent, mediate, resolve them.

Date of filling in: 28.05.2024		Title Firstname NAME	Signature
	Course	Lect. Peculea Lorena	

Date of approval by the Department Board ……..

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Head of Departament
Prof.dr.ing. Honoriu VĂLEAN

Date of approval by the Faculty Council ……………

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Dean
Prof.dr.ing. Mihaela Dinsoreanu