

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Building Services Engineering
1.3	Department	Building Services Engineering
1.4	Field of study	Civil Engineering and Building Services
1.5	Cycle of study	Master
1.6	Program of study/Qualification	Building Services for Regenerative Cities / MS Engineer
1.7	Form of education	Full time

2. Data about the subject

2.1	Subject name				Ethics and academic integrity		Subject code		13.00		
2.2	Course responsible/lecturer				Prof.PhD.Eng. Ligia Mihaela MOGA - ligia.moga@ccm.utcluj.ro						
2.3	Teachers in charge of seminar/ laboratory/project				-						
2.4	Year of study		1	2.5	Semester		2	2.6 Assessment			Colloquy
2.7 Subject category		Formative category									DC
		Optionality									DOB

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	
3.4 Total hours in the curriculum	14	of which	3.5 Course	14	3.6 Seminar		3.6 Laboratory		3.6 Project	
3.7 Individual study:										
(a) Exams and tests										6
(b) Manual, lecture material and notes, bibliography										-
(c) Supplementary study in the library, online and in the field										14
(d) Preparation for seminars/laboratory works, homework, reports, portfolios, essays										6
(e) Tutoring										-
(f) Other activities										10
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))					36					
3.9 Total hours per semester (3.4+3.8)					50					
3.10 Number of credit points					2					

4. Pre-requisites (where appropriate)

4.1	Curriculum	Not necessary
4.2	Competence	Not necessary

5. Requirements (where appropriate)

5.1	For the course	Classroom equipped with Video Projector - 21 December 1989 Blvd., no. 128-130 Compulsory attendance at half plus one of the courses
5.2	For the applications	Not necessary

6. Specific competences

Professional competences	CP21 – combine multiple fields of knowledge CP27 – ensure compliance with purchasing and contracting regulations
Cross competences	CT4 – respects the diversity of values and cultural norms

7. Expected Learning Outcomes

Knowledge	CP21 – Possesses integrated knowledge from diverse fields (building services engineering, architecture, urban planning, environmental sciences, circular economy, public policies, urban sociology), essential for the holistic approach to regenerative cities. In the context of academic ethics, integrates perspectives from philosophy, law, sociology and education to understand the complexity of academic integrity issues. CP27 – Has in-depth knowledge of the national and European legal framework for public procurement, award procedures, selection criteria, and tender documentation, as well as the principles of academic integrity, research ethics and regulations regarding citation, bibliographic references and avoiding plagiarism. Knows copyright and intellectual property legislation applicable in the academic environment.
Skills	CP21 – Integrates perspectives from multiple disciplines in analyzing and solving complex ethical problems, collaborates effectively with specialists from different fields to understand the ethical implications of actions and professional and academic decisions. Develops well-founded ethical reasoning, starting from established moral theories and principles. CP27 – Ensures compliance of research and academic writing processes with regulations regarding citation, bibliographic references and avoiding plagiarism, develops the necessary documentation and verifies compliance with academic integrity procedures. Identifies and avoids inappropriate practices (plagiarism, fabrication and falsification of data) in research activity.
Responsibilities and autonomy	CP21 – Approaches ethical challenges in the academic field from a holistic and integrated perspective, assuming responsibility for the integrity of their own research and writing activity. Demonstrates critical thinking and independence of judgment in evaluating situations involving ethical dilemmas. CP27 – Leads the processes of ensuring academic integrity in dissertation works and research, assuming responsibility for respecting academic ethics standards and for compliance with applicable regulations. Takes responsibility for the quality and honesty of their own scientific and academic contributions.

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

8.1	General objective	Learning the concept of ethics and academic integrity and applying the notions received in the current research and writing activity. Students will learn to recognize and avoid inappropriate practices (plagiarism, fabrication and falsification of data), to respect intellectual property rights and to apply ethical principles in all aspects of academic and professional activity.
8.2	Specific objectives	• Understanding general issues: copyright, plagiarism, fabrication and falsification of data in academic research (CP21, CP27, CT4). • Discussions about the different policies and results of the integrity issues of teachers and students (CP21, CT4). • Understanding aspects related to the integrity of research at the graduate level for both teachers and students (CP27, CP21). • Discussions and debates related to the ramifications of the research integrity issue in academic research (CP21, CT4). • Acquiring the capacity to integrate in a team respecting the principles of ethics and academic integrity (CP21, CT4). • Knowledge and respect of regulations regarding citation, bibliographic references and intellectual property rights (CP27, CT4).

9.Contents

9.1. Lecture (syllabus)	Number of hours	Teaching methods	Notes
1. Introduction to ethics and academic integrity. The importance of academic integrity in academia	2	Presentation, discussions, case studies, teamwork.	Video-Project or
2. Academic rights and responsibilities of students. Student integrity. Case studies.	2		
3. Intellectual property: copyright, patent, trademark. Case studies	2		
4. Ethical conduct in research. Manufacture and falsification of research data. Case studies.	2		
5. Acquisition of the intellectual property rights of another author. (e.g. plagiarism). Case studies.	2		
6. The importance of original research in the elaboration of the dissertation. Case studies.	2		
7. Student grading. Analysis of the ethics and academic integrity of some texts (ie case studies) evaluated by students.	2		
Bibliography			
1. Barrass, R., Students must write: A guide to better writing in coursework and examination., 2005.			
2. Lipson, C. Doing honest work in college: How to prepare citations, avoid plagiarism, and achieve real academic success (2nd ed.). Chicago: University of Chicago Press, 2008.			
3. Nelville, C. The complete guide to referencing and avoiding plagiarism. Maidenhead: Open University Press, 2007.			
4. W Sutherland-Smith, Plagiarism, the Internet, and student learning: Improving academic integrity, Routledge New York, 2008.			

5. PJ Boehm, M Justice, S Weeks, Promoting academic integrity in higher education, The Community College, 2009 disponibil la http://schoolcraft.edu/pdfs/cce/15.1.45-61.pdf 6. Munteanu R., Metodologia cercetării aplicative, Curs UTCN, 2008. 7. https://owl.purdue.edu/owl/english_as_a_second_language/esl_students/plagiarism_and_esl_writers.html 8. https://www.insidehighered.com/digital-learning/views/2018/02/14/creative-cheating-online-learning-and-importance-academic 9. https://www.utcluj.ro/media/decisions/2013/03/12/Codul_drepturilor_si_obligatiilor_studentului_din_UTCN..pdf 10. https://www.utcluj.ro/universitatea/despre/regulamente/regulamente-studenti/ 11. https://www.utcluj.ro/media/page_document/157/Regulament%20ECTS.pdf			
9.2. Laboratory	Number of hours	Teaching methods	Notes
Bibliography			

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

The content of the discipline is correlated with the need identified both academically and on the labor market, respectively for the training of adults who are able to apply and respect professional ethics and integrity in the current activity.

The student acquires skills of analysis and critical thinking necessary to appreciate the actions and activities with relevant value.

11.Evaluation

Activity type	11.1 Assessment criteria	11.2 Assessment methods (and evaluation form: continuous/summative)	11.3 Weight in the final grade
11.4 Course	The colloquium will include the elaboration of some works during the semester	Works on the subject of the discipline	100%
11.5 Laboratory			
11.6 Minimum standard of performance			
Eligibility condition for the exam: attendance at least 3 courses. Theory note (T): min. 5 (five) $C = [0.85 * (T) + 0.15 * (\text{Course Interaction})]$ Promotion / obtaining condition: $C \geq 5$. OBS: When establishing the final grade, the student's involvement during the semester will also be considered: participation in debates, frequency			

Date of filling in: 14.06.2026		Title Surname Name	Signature
	Lecturer	Prof.PhD.Eng. Ligia Mihaela MOGA	
	Teachers in charge of application		

Date of approval in the Department of Building Services Engineering 09.07.2026	Head of department Assoc.Prof.PhD.Eng. Ciprian BACOȚIU
Date of approval in the Council of the Faculty of Building Services Engineering 09.07.2026	Dean Assoc.Prof.PhD.Eng. Florin DOMNIȚA