

SYLLABUS

1. Data about the program of study

1.1 Institution	Technical University of Cluj-Napoca
1.2 Faculty	Faculty of Electronics, Telecommunications and Information Technology
1.3 Department	Communications
1.4 Field of study	Electronic Engineering, Telecommunications and Information Technologies
1.5 Cycle of study	Master of Science
1.6 Program of study / Qualification	Telecommunications / Multimedia Technologies/ Master
1.7 Form of education	Full time
1.8 Subject code	TC-E05.00

2. Data about the subject

2.1 Subject name	Ethics and Academic Integrity						
2.2 Subject area	Theoretical area Methodological area Analytic area						
2.3 Course responsible	Assoc. Prof. Cristian FARCAS, Ph.D., Cristian.Farcas@ael.utcluj.ro						
2.4 Teacher in charge with seminar / laboratory / project	Assoc. Prof. Cristian FARCAS, Ph.D., Cristian.Farcas@ael.utcluj.ro						
2.5 Year of study	1	2.6 Semester	1	2.7 Assessment	E	2.8 Subject category	DC/DI

3. Estimated total time

3.1 Number of hours per week	1	of which: 3.2 course	1	3.3 laboratory	0
3.4 To Total hours in the curriculum	14	of which: 3.5 course	14	3.6 laboratory	0
Distribution of time					hours
Manual, lecture material and notes, bibliography					5
Supplementary study in the library, online specialized platforms and in the field					5
Preparation for seminars / laboratories, homework, reports, portfolios and essays					20
Tutoring					3
Exams and tests					3
Other activities:					
3.7 Total hours of individual study	36				
3.8 Total hours per semester	50				
3.9 Number of credit points	2				

4. Pre-requisites (where appropriate)

4.1 curriculum	N. A.
4.2 competence	English language

5. Requirements (where appropriate)

5.1. for the course	Amphitheatre, Cluj-Napoca
5.2. for the seminars / laboratories / projects	Laboratory, Cluj-Napoca

6. Specific competences

Professional competences	N/A
Cross competences	CT3 Adaptation to new technologies, professional and personal development through continuous training using electronic and printed documentation sources, in Romanian and English.

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

7.1 General objective	The objective is to accustom students with the principles of ethics and academic integrity, get to know the main types of scientific texts and publication venues in the field of Electronics, Telecommunications and Information Technology Engineering.
7.2 Specific objectives	<ol style="list-style-type: none"> 1. Understand the process and rigors of writing a scientific text in the field of Electronics and Telecommunications Engineering. 2. Develop academic writing skills. 3. Develop critical thinking skills for evaluating the quality of scientific texts. 4. Know the main types of scientific texts and their composition, and key journals and conferences in the field. 5. Acquire skills and methods of individual and group work for writing and reviewing scientific papers.

8. Contents

8.1 Lecture (syllabus)	Teaching methods	Notes
1. Introduction to writing scientific texts in the field of Electronics and Telecommunications Engineering	Interactive lecture	Video projector
2. Key scientific publication venues in the field		
3. Best practices in intellectual creation (1). Doing high-quality work		
4. Best practices in intellectual creation (2). Avoiding plagiarism		
5. Writing a scientific paper (1)		
6. Writing a scientific paper (2)		
7. Evaluation and peer-review of a scientific paper in the field.		
Bibliography		

1. Fundamental publishing guidelines and principles: IEEE Publication Services and Products Board Operations Manual, <https://pspb.ieee.org/images/files/files/opsmanual.pdf>, 15 February 2002, Amended 22 June 2018.
2. Fundamental values and publishing principles: IEEE Principles of Scholarly Publishing, https://ieeauthorcenter.ieee.org/wp-content/uploads/IEEE_Publishing_Principles.pdf.
3. D. Rowntree, "Învață cum să înveți (Learn How to Study)", 1970.
4. D. Ariely, "Adevărul (cinstit) despre necinste. Cum îi mințim pe toți - dar mai ales pe noi înșine (The (honest) truth about dishonesty)", Ed. Publica, 2012.
5. A. Plesu, "Minima moralia", Editia a V-a, Ed. Humanitas, 2013.
6. P. Currie, "Staying out of trouble: Apparent plagiarism and academic survival", Journal of Second Language Writing, Vol. 7, Iss. 1, Jan1998, pp1-18.

Online references

1. Links will be mentioned during lectures and available at: <https://asl.utcluj.ro/didactic>

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

The discipline content and the acquired skills are in agreement with the expectations of the professional Competences acquired will be used in the following COR occupations (Electronics Engineer; Telecommunications Engineer; Electronics Design Engineer; System and Computer Design Engineer; Communications Design Engineer) or in the new occupations proposed to be included in COR (Sale Support Engineer; Multimedia Applications Developer; Network Engineer; Communications Systems Test Engineer; Project Manager; Traffic Engineer; Communications Systems Consultant).

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
10.4 Course	Level of knowledge and skill acquired, Quality of delivered paper and reviews	1) writing one paper 2) writing two paper reviews	50% 50%
10.6 Minimum standard of performance			
Qualitative point of view			
Minimal theoretical and practical knowledge: <ul style="list-style-type: none"> ✓ Understanding the process of writing a scientific text in the field of electronic and telecommunications engineering 			
Minimal acquired competences: <ul style="list-style-type: none"> ✓ Editing in a specific format a paper in the field of electronic and telecommunications engineering. ✓ Detection of impermissible similarities (of plagiarism) in electronic and telecommunications engineering works. 			
Quantitative point of view			
<ul style="list-style-type: none"> ✓ Editing and sending an article on time in the requested format. ✓ The final grade (N) is calculated as an average of marks obtained in the evaluation of written tasks. The condition for obtaining the ECTS credits is that both components of the final grade to be higher than or equal to 5 (five). ✓ NF >=5 			

Date of filling in:	Responsible	Title First name SURNAME	Signature
19.06.2024	Course	Assoc. Prof. Cristian FARCAS, Ph.D.	
	Applications	Assoc. Prof. Cristian FARCAS, Ph.D.	

Date of approval in the Council of the Communications Department 10.07.2024	Head of Communications Department Prof. Virgil DOBROTA, Ph.D.
Date of approval in the Council of the Faculty of Electronics, Telecommunications and Information Technology 11.07.2024	Dean Prof. Ovidiu POP, Ph.D.