

## 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	Computer Science
1.4 Field of study	Computer Science and Information Technology
1.5 Cycle of study	Bachelor of Science
1.6 Program of study/Qualification	Computer science/ Engineer
1.7 Form of education	Full time
1.8 Subject code	21.

### 2. Data about the subject

2.1 Subject name	<b>Foreign Language I (English, French, German - Technical documents elaboration)</b>				
2.2 Course responsible/lecturer	Lector dr. Monica Negoescu				
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)	C
2.7 Subject category	DF – fundamentală, DD – în domeniu, DS – de specialitate, DC – complementară				DC
	DI – Impusă, DOp – opțională, DFac – facultativă				DI

### 3. Estimated total time

3.1 Number of hours per week	2	of which:	Course	2	Seminars		Laboratory		Project	
3.2 Number of hours per semester	28	of which:	Course	28	Seminars		Laboratory		Project	
3.3 Individual study:										
(a) Manual, lecture material and notes, bibliography										22
(b) Supplementary study in the library, online and in the field										
(c) Preparation for seminars/laboratory works, homework, reports, portfolios, essays										
(d) Tutoring										
(e) Exams and tests										
(f) Other activities:										
3.4 Total hours of individual study (suma (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	Foreign language seminars I, II
4.2 Competence	English language competence, B2 level in CEFR

### 5. Requirements (where appropriate)

5.1. For the course	Study of research and journal articles
5.2. For the applications	-

### 6. Specific competence

6.1 Professional competences	N/A
6.2 Cross competences	<b>CT3</b> – Demonstrating the spirit of initiative and action for updating professional, economical and organizational culture knowledge (1 credit)

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

7.1 General objective	Development of integrated skills in an engineering professional context
7.2 Specific objectives	At the end of this course, students should be able to: -Master documenting strategies, information processing; writing according to discourse patterns in specific purposes contexts; - Use strategies for handling difficult written text on a variety of science and academic related topics; - Comprehend and produce discipline appropriate text and genre. - Use lexical and grammar structures at +B2 language competence levels, according to CEFR

## 8. Contents

8.1 Lectures	Hours	Teaching methods	Notes
Communication theories. Differences between general/academic/professional communication	2	lecture, problem-based learning, case-study, small group discussions and task solving, assignment discussion	
Word structure: inflected and derivate words. Derivation as a means of creating technical vocabulary.	2		
Simple and complex sentences. Frequently used sentence structures in technical texts: coordination and subordination in finite and non-finite clauses.	2		
Cohesion and coherence in discourse: syntactic parallelism, sentence rephrase, nominalization, lexical choice, emphasis.	2		
Structure of information in paragraphs: frontloading, repetition of key terms, breakdown/exemplification, transition words	2		
Sentence and paragraph. The spelling and punctuation of the formal text.	2		
Text reduction strategies; Paraphrasing	2		
The informative function of science discourse: information structure, impersonal expression, nominalized theme.	2		
Language functions: definitions, exemplifications, contrast a. comparison	2		
Language functions: cause and effect, descriptions, instructions	2		
Synthesis, summary, report. Types of technical documents.	2		
Functional and rhetorical organization of written science discourse: genres (textbooks, journal articles and scientific posters).	2		
Disciplinary variation in science discourse: professional communities, discourse communities. Selecting from language resources according to disciplinary practices.	2		
Final test	2		
Bibliography			
<ol style="list-style-type: none"> <li>1. Munteanu, S.-C (2013) <i>Academic English for Science and Engineering</i>. Cluj-Napoca: Casa Cartii de Stiinta. ISBN 978-606-17-0398-2.</li> <li>2. Granescu, M, Adam, E. <i>Effective Academic and Technical Writing</i>, Cluj-Napoca, UTPress, 2010</li> <li>3. Swales John M. &amp; Christine B. Feak (2001) <i>Academic Writing For Graduate Students - Essential Tasks And Skills</i>, Ann Arbor: The University Of Michigan Press.</li> <li>4. Hyland Ken (2006) <i>English For Academic Purposes - An Advanced Resource Book</i>, London: Routledge</li> <li>4. Rogers, Louis &amp; Jennifer Wilkin (2013). <i>Skillful Reading &amp; Writing</i>. Oxford: Macmillan Education.</li> <li>5. "The Online Writing Lab" at Purdue University <a href="http://owl.English.purdue.edu/owl">http://owl.English.purdue.edu/owl</a></li> <li>6. "Writing for a Purpose" <a href="http://learnenglish.britishcouncil.org/en/writing-purpose">http://learnenglish.britishcouncil.org/en/writing-purpose</a></li> </ol>			
8.2 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**

Mastering a foreign language will support students in a more flexible integration in the labor market and have improved personal development. The introduction in the language for specific purposes and academic discourse will facilitate reading and writing more documents in the field

**10. Evaluation**

Activity type	Assessment criteria	Assessment methods	Weight in the final grade
Course	Assessment completion in due time; Ability to comprehend below and above sentence syntactic and morphologic structures specific to science discourse; to read from sources, to comprehend complex text (journal articles, textbooks); Ability to produce a conference poster based on a published research article	- Multiple choice quiz - Case-study and practical application of knowledge: Conference poster	final test = 100%
Seminar			
Laboratory			
Project			
Minimum standard of performance: Assignment completion, minimum 80% of the midterm evaluation, min 80% of the final evaluation			

Date of filling in:	Titulari	Titlu Prenume NUME	Semnătura
	Course	Lecturer dr. Monica Negoescu	
	Applications	-	

<b>Date of approval in the department</b>	Head of department Conf. dr. Ruxanda Literat
<b>Date of approval in the Faculty Council</b>	Dean Prof.dr.ing. Liviu Miclea