SYLLABUS

1. Data about the program of study

1.1	Institution	Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Automotive, Mechatronics and Mechanical Engineering
1.3	Department	Department of Mechatronics and Machine Dynamics
1.4	Field of study	Mechatronics and Robotics
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Mechatronics
1.7	Form of education	Full time

2. Data about the subject

2.1	Subject name			***Modern Languages I***		Subject code	**8.00**
2.2	Course responsible/lecturer			-			
2.3	Teachers in charge of seminars			Lector dr. Cristina Măluţan - cristina.malutan@lang.utcluj.ro Asist.dr. Delia Georgeta Rusu, Delia.Rusu@lang.utcluj.ro CDA Anda Mădălina Sabou, anda.sabou@yahoo.com			
2.4 Year of study	1	2.5 Semester	1	2.6 Assessment			V
2.7 Subject category DID DOB	Formative category						DC
	Optionality						DOB

3. Estimated total time

3.1 Number of hours per week	2	of which	3.2 Course	-	3.3 Seminar	2	3.3 Laboratory	-	3.3 Project	
3.4 Total hours in the curriculum	28	of which	3.5 Course	-	3.6 Seminar	28	3.6 Laboratory	-	3.6 Project	

3.7 Individual study:	
(a) Manual, lecture material and notes, bibliography	25
(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	-
(e) Exams and tests	2
(f) Other activities	-
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))	47
3.9 Total hours per semester (3.4+3.8)	75
3.10 Number of credit points	3

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	Attendance at the seminar is mandatory according to university regulations. Printed materials, computer, tablet, interactive whiteboard, internet (online or onsite, as applicable). In the case of online seminars, students are required to actively participate during live sessions, using one of the available technical means: microphone, webcam, or the seminar's live chat application.

6. Specific competences

Professional competences	- Identifying the distinctive features of the foreign language for specific purposes - Thorough mastery of linguistic and communication conventions - Filling out various forms, drafting the documents necessary for employment in a standard format, supporting a job interview.
Cross competences	- Identification of the need for continuous training through the efficient use of information sources, communication resources and assisted professional training (Internet portals, specialized software applications, databases, online courses, etc.), as well as linguistic knowledge specific to international languages.

7. Expected learning outcomes

Knowledge	By the end of the semester, the student: - is familiar with the basic lexical (numbers, mathematical operations, technical parameters, processes) and grammatical elements specific to technical language in a foreign language; - identifies the conventions of oral and written communication used in professional engineering contexts; - recognize the linguistic structures used in technical descriptions, simple processes, and professional situations (e.g., a job interview); - understand how to present and break down technical processes, using logical connectors, adverbial phrases, and mathematical symbols to interpret and communicate information.
Skills	The student can: - correctly use vocabulary and grammatical structures in basic professional communication situations; - orally present personal information, professional responsibilities, and the steps of a simple technical process; describe technical parameters, geometric shapes, and mathematical operations using specific terminology; - understand and convey oral messages in common technical contexts; - participate in a job interview in a foreign language using appropriate phrasing.
Responsibility and autonomy	By the end of the course, students will: - demonstrate autonomy in conveying oral and written messages in the foreign language in technical professional contexts; - independently use digital resources and specialized materials to improve their language skills; - actively and collaboratively participate in communication activities during the seminar;

	- responsibly apply professional communication conventions and linguistic etiquette specific to workplace contexts.

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

8.1	General objective	- Mastering introductory concepts in the field of specific discourse and developing oral communication skills in a professional technical context.
8.2	Specific objectives	- Development of lexical, grammatical and discursive knowledge in specialized languages. - Development of the competence to understand, transmit and evaluate an oral message in a professional and technical context. - Knowledge of communication conventions in everyday and professional situations.

9. Contents

9.1. Lecture (syllabus)	Number of hours	Teaching methods	Notes
1. -	-	-	-
Bibliography 1.			

9.2. Seminars /**Laboratory**/Project	Number of hours	Teaching methods	Notes
1. Group placement test.	2	Communicative and interactive strategies; integrated skills: - presentation of new content (lexicon, grammar); - text exploitation; - consolidation through exercises; - listening to recorded material; - conversation, monologue.	
2. Introductory recapitulative notions: presenting personal data, recognizing affirmative/negative/interrogative forms.	2		
3. Activities and professions; work and professional activities: instructions and reporting on the progress of an ongoing activity.	2		
4. Description of professional responsibilities. Engineer profile (studies, functions, fields of activity).	2		
5. Professional experience – writing a CV, a cover letter, preparing for a job interview: specific formulations in a foreign language.	2		
6. Numbers and numerical values: ordinal and cardinal numerals – form and use.	2		
7. Arithmetic and algebra: expressing arithmetic operations: addition, subtraction, multiplication, division; expressing fractional numbers, powers and roots.	2		
8. Transcribing a polynomial equation/expression with mathematical symbols; reading a polynomial equation/expression.	2		

9. Naming and describing geometric shapes. Expressing technical parameters: distance, dimensions, duration/time.	2		
10. Description of other technical parameters (shapes, colors, materials, function or utility, etc.). Verbal modes and tenses used in a technical description.	2		
11. Segmentation of a simple manufacturing process: presentation of the stages. Logical connectors used.	2		
12. Describing a simple process: methods and purpose – instrumental and purpose adverbial expressions	2		
13. Recap.	2		
14. Final test.	2		

Bibliography

1. E.H. Glendinning, A. Pohl, *Technology 1,2 - Oxford English for Careers*, Student's Book.
2. R. Literat, *Work with words, work with meanings*, UTPress, 2016.
3. F. Codreanu, *English for Mechanical, Electrical and Medical Engineering Students*, Cluj-Napoca, U.T. Press, 2015.
4. S. Munteanu, *Read Science*!, Cluj-Napoca, UTPress.
5. *Aspects of English Grammar in Technical Contexts*, U.T. Press, Cluj-Napoca, 2015.
6. M. Kavanagh, *English for the Automobile Industry.*
7. E.H. Glendinning, N. Glendinning, *Oxford English for Electrical and Mechanical Engineering*.
8. C. Tesculã-Bulgaru, *Le français de la technique: lexique, grammaire et structures du discours*, Cluj-Napoca, UTPRES, 2005.
9. C.-H. Dumon, J.-P. Vermes, *Le CV, la lettre et l'entretien*, Paris, Eyrolles, 2006.
10. E. Cloose, *Le français du monde du travail*, Grenoble, PUG, 2009.
11. C. Carras, O. Gerwirtz, J. Tolas, *Réussir ses études d'ingénieur en français*, Grenoble, PUG, 2014.
12. R. Barthes, B. Chavelon, *Je parle, je pratique le français*, PUG, 2005.
13. M. Opriș, *Deutsch in Studium und Wissenschaft* , Cluj-Napoca, UTPRES, 1999.
14. T. Schoenherr, *Tangram A/B – Deutsch als Fremdsprache*, Max Hueber Verlag, D-85737 Ismaning, 2002.
15. W. Klatt, *Comunicați în limba germanã*, București, Teora, 2002.
16. Maria Steinmetz Heiner Dintera, Deutsch für Ingenieure *Ein DaF-Lehrwerk für Studierende ingenieurwissenschaftlicher Fächer,* Springer Fachmedien Wiesbaden, 2014.
17. Dengler, Rusch, Schmitz, Sieber, *Netzwerk, Deutsch als Fremdsprache, Kurs- und Arbeitsbuch,* Klett Langenscheidt, 2011, Berlin.
18. Hans Földeak, *Sag's besser, Teil 1,* Hueber Verlag, 2011.
19. Rusch, Schmitz, *Einfach Grammatik-Übungsgrammatik A1-bis B1,* Klett Langenscheidt, Berlin, 2007.

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

The contents of the seminars familiarize students with the expression of basic linguistic functions present in foreign language communication in the context of technical occupations. The seminars emphasize the specificity of the use of certain frequent structures in specialized foreign language communication.

11. Evaluation

Activity type	11.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
11.4 Course	-	-	-
11.5 Seminars /Laboratory/Project	Completing the tasks for the written test, giving a conversation or monologue, seminar activity.	Written test Oral assessment Coursework For assessments, in the case of online seminars, audio and video presence of students is mandatory.	S=30%, O=40%, A=30%. It is calculated if each is solved correctly in a proportion of min. 50%
11.6 Minimum standard of performance			
Written test (S), Oral assessment (O), On-the-job activity (A). Fulfillment of 50% of the evaluation criteria			

Date of filling in:	**Responsible**	**Title Surname Name**	**Signature**
11.05.2026	Courses	-	
	Applications	Lector dr. Cristina Măluţan Asist.dr. Delia Georgeta Rusu	
		CDA Anda Mădălina Sabou	

Approval from the Head of the Department coordinating the course, only if this is different from the department organizing the study program.	Head of Department Conf. univ. dr. Ruxanda Literat

Date of approval in the Department of Mechatronics and Machine Dynamics 28.05.2026	Head of Department Prof.dr.eng. Mircea Bara
Date of approval in the Faculty of Automotive, Mechatronics and Mechanical Engineering 16.09.2026	Dean Prof.dr.eng. Nicolae Filip