BACHELOR 'S PROGRAMME
2nd YEAR OF STUDY, 1st SEMESTER

COURSE TITLE	FOREIGN LANGUAGE - ENGLISH
COURSE CODE	
COURSE TYPE	full attendance
COURSE LEVEL	1st cycle (bachelor's degree)
YEAR OF STUDY, SEMESTER	2nd year of study, 1st semester
NUMBER OF ECTS CREDITS	4
NUMBER OF HOURS PER WEEK	4 (2 lecture hours + 2 seminar hours)
NAME OF LECTURE HOLDER	Andi Sâsâiac, PhD
NAME OF SEMINAR HOLDER	Andi Sâsâiac, PhD
PREREQUISITES	Intermediate level of English language

A GENERAL AND COURSE-SPECIFIC COMPETENCES

General competences:

- → Achievement of professional tasks efficiently and responsibly, in compliance with the field-specific deontology legislation, with qualified assistance.
- → Application of efficient work techniques in a multi-disciplinary team, on various hierarchical levels. Realization of a project/ team activity and identification of specific professional roles
- → Effective use of information sources and communication resources and assisted professional training, both in Romanian and in a foreign language. Elaboration, drafting and presentation in Romanian and/ or in a language of international circulation of a specialty work on a current topic in the field.

Course-specific competences:

- → Proper use in professional communication of the terminology specific to Physics but also to related domains (especially Mathematics)
- → Critical assessment of a scientific communication, a paper/specialty report with a reduced degree of difficulty.
- → Drafting and presenting scientific reports in the field of Physics by using of new media technologies for communication.
- → Making connections between knowledge of Physics and of other domains (Chemistry, Biology, Informatics, etc.).

B LEARNING OUTCOMES

After successfully finalizing the discipline, students will be able to :

- → Prove understanding and proper use of lexical and grammatical structures, orally and in writing
- → Read and prove, through comprehension exercises, the understanding of text and speech dealing both with general topics and Physics-related topics
- → Demonstrate, through free speech and writing, the accumulation and consolidation of contemporary English vocabulary
- → Present scientific facts and social, everyday life realities orally
- → Adequately articulate, in writing, texts on complex, specialized topics
- → Demonstrate the capacity of using terminology from the field of Physics properly

C LECTURE CONTENT

Motion, speed and velocity
Weight and weightlessness
Listening comprehension, speaking
Reflective approaches to science.
Listening, reading, speaking
Spectral analysis– listening, reading comprehension, speaking
Radiation effetcs in the single cell
Weird Ideas from Physics
Radioactive decomposition
Listening; reading comprehension, speaking
Revision

D RECOMMENDED READING FOR LECTURES

1. Alexander, L.G., Longman Grammar Practice for Intermediate Students, Pearson Education Limited, 1990
2. Murphy, Raymond, Cambridge English Grammar in Use, Cambridge University Press, 1994
3. Huyen, Ho, English for Students of Physics, vol. 2, Hanoi, 2007
4. Gervescu, Luiza, Victoria Soare, Glass and Mirrors for Cambridge Examinations, Akademos Art, 2007
5. Dănilă, Viorica, Engleza pentru ingineri și tehnicieni, Editura tehnică, București, 1967

	6. Ștefănescu, Venera, Viorica Dobrovici, Limba engleză – texte de specialitate din medicină și farmacie, Ed. didactică și pedagogică, București, 1969
E	SEMINAR CONTENT
	Motion, speed and velocity Weight and weightlessness Reading comprehension, speaking; mixed grammar exercise There is no gravitational pull...only a push Making macroscopic models Writing Spectroscopy; speaking, writing Mixed grammar exercises Cellular sensitivity; English certificate exercises Ridiculous X-Ray Images: English certificate exercises Radioactive decomposition Speaking, writing Assessment
F	RECOMMENDED READING FOR SEMINARS
	1. Alexander, L.G., Longman Grammar Practice for Intermediate Students, Pearson Education Limited, 1990 2. Murphy, Raymond, Cambridge English Grammar in Use, Cambridge University Press, 1994 3. Huyen, Ho, English for Students of Physics vol.2, Hanoi, 2007 4. Gervescu, Luiza, Victoria Soare, Glass and Mirrors for Cambridge Examinations, Akademos Art, 2007 5. Dănilă, Viorica, Engleza pentru ingineri și tehnicieni, Editura tehnică, București, 1967 6. Ștefănescu, Venera, Viorica Dobrovici, Limba engleză – texte de specialitate din medicină și farmacie, Ed. didactică și pedagogică, București, 1969
G	EDUCATION STYLE
LEARNING AND TEACHING METHODS	Lecture, didactic explanation, heuristic conversation, video projection, problem solving method, case studies
ASSESSMENT METHODS	• Assessment during in-class activities • Oral presentation
LANGUAGE OF INSTRUCTION	English