

BACHELOR 'S PROGRAMME  
2<sup>nd</sup> YEAR OF STUDY, 1<sup>st</sup> SEMESTER

COURSE TITLE	<b>FOREIGN LANGUAGE - ENGLISH</b>
COURSE CODE	
COURSE TYPE	full attendance
COURSE LEVEL	1 <sup>st</sup> cycle (bachelor's degree)
YEAR OF STUDY, SEMESTER	2 <sup>nd</sup> year of study, 1 <sup>st</sup> semester
NUMBER OF ECTS CREDITS	4
NUMBER OF HOURS PER WEEK	2 (1 lecture hours + 1 seminar hours)
NAME OF LECTURE HOLDER	Andi Săsâiac, PhD
NAME OF SEMINAR HOLDER	Andi Săsâiac, PhD
PREREQUISITES	Advanced level of English
<b>A</b>	<b>GENERAL AND COURSE-SPECIFIC COMPETENCES</b>
	<p><b>General competences:</b></p> <ul style="list-style-type: none"> <li>→ Achievement of professional tasks efficiently and responsibly, in compliance with the field-specific deontology legislation, with qualified assistance.</li> <li>→ 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</li> <li>→ 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.</li> </ul> <p><b>Course-specific competences:</b></p> <ul style="list-style-type: none"> <li>→ Proper use in professional communication of the terminology specific to Physics but also to related domains (especially Mathematics)</li> <li>→ Critical assessment of a scientific communication, a paper/specialty report with a reduced degree of difficulty.</li> <li>→ Drafting and presenting scientific reports in the field of Physics by using of new media technologies for communication.</li> <li>→ Making connections between knowledge of Physics and of other domains (Chemistry, Biology, Informatics, etc.).</li> </ul>
<b>B</b>	<b>LEARNING OUTCOMES</b>
	<p>After successfully finalizing the discipline, students will be able to :</p> <ul style="list-style-type: none"> <li>• Prove understanding and proper use of lexical and grammatical structures, orally and in writing</li> <li>• Read and prove, through comprehension exercises, the understanding of text and speech dealing both with general topics and Physics-related topics</li> <li>• Demonstrate, through free speech and writing, the accumulation and consolidation of contemporary English vocabulary</li> <li>• Present scientific facts and social, everyday life realities orally</li> <li>• Adequately articulate, in writing, texts on complex, specialized topics</li> <li>• Demonstrate the capacity of using terminology from the field of Physics properly</li> </ul>
<b>C</b>	<b>LECTURE CONTENT</b>
	<ul style="list-style-type: none"> <li>• Motion, speed and velocity</li> <li>• Weight and weightlessness</li> <li>• Listening comprehension, speaking</li> <li>• Reflective approaches to science.</li> <li>• Listening, reading, speaking</li> <li>• Spectral analysis</li> <li>• – listening, reading comprehension, speaking</li> <li>• Radiation effects in the single cell</li> <li>• Weird Ideas from Physics</li> <li>• Radioactive decomposition</li> <li>• Listening; reading comprehension, speaking</li> <li>• Revision</li> </ul>
<b>D</b>	<b>RECOMMENDED READING FOR LECTURES</b>
	<ol style="list-style-type: none"> <li>1. Alexander, L.G., Longman Grammar Practice for Intermediate Students, Pearson Education Limited, 1990</li> <li>2. Murphy, Raymond, Cambridge English Grammar in Use, Cambridge University Press, 1994</li> <li>3. Huyen, Ho, English for Students of Physics, vol. 2, Hanoi, 2007</li> </ol>

	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
<b>E</b>	<b>SEMINAR CONTENT</b>
	<ul style="list-style-type: none"> <li>• Motion, speed and velocity</li> <li>• Weight and weightlessness</li> <li>• Reading comprehension, speaking; mixed grammar exercise</li> <li>• There is no gravitational pull...only a push</li> <li>• Making macroscopic models</li> <li>• Writing</li> <li>• Spectroscopy; speaking, writing</li> <li>• Mixed grammar exercises</li> <li>• Cellular sensitivity;</li> <li>• English certificate exercises</li> <li>• Ridiculous X-Ray Images:</li> <li>• English certificate exercises</li> <li>• Radioactive decomposition</li> <li>• Speaking, writing</li> <li>• Assessment</li> </ul>
<b>F</b>	<b>RECOMMENDED READING FOR SEMINARS</b>
	<ol style="list-style-type: none"> <li>1. Alexander, L.G., Longman Grammar Practice for Intermediate Students, Pearson Education Limited, 1990</li> <li>2. Murphy, Raymond, Cambridge English Grammar in Use, Cambridge University Press, 1994</li> <li>3. Huyen, Ho, English for Students of Physics vol.2, Hanoi, 2007</li> <li>4. Gervescu, Luiza, Victoria Soare, Glass and Mirrors for Cambridge Examinations, Akademos Art, 2007</li> <li>5. Dănilă, Viorica, Engleza pentru ingineri și tehnicieni, Editura tehnică, București, 1967</li> <li>6. Ștefănescu, Venera, Viorica Dobrovici, Limba engleză – texte de specialitate din medicină și farmacie, Ed. didactică și pedagogică, București, 1969</li> </ol>
<b>G</b>	<b>EDUCATION STYLE</b>
LEARNING AND TEACHING METHODS	Presentation. Interactive course
ASSESSMENT METHODS	<ul style="list-style-type: none"> <li>• Assessment during in-class activities</li> <li>• Oral presentation</li> </ul>
LANGUAGE OF INSTRUCTION	English