NAME OF THE COURSE	English for Specific Purposes II					
Code	PMS251	Year of study				
Course teacher	Ana Mršić Zdilar prof.	Credits (ECTS)	2,0			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
				30		
Status of the course		Percentage of application of e-learning				

COURSE DESCRIPTION	
Course objectives	- to acquire insight into basic translation procedures of texts related to mathematics, computer science, polytechnics and physics - to develop reading skills and techniques in order to understand scientific and technical texts in English - to encourage the learning of terminology related to mathematics, computer science, polytechnics and physics - to revise and extend the knowledge of English grammar, especially related to technical and scientific texts - to develop students' written and oral communication skills in English
Course enrolment requirements and entry competences required for the course	Four years of high school education, English language being the first or second foreign language.
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	After attending the classes and passing the exam, students should be able to: - understand a text in English and translate it into Croatian - analyse the language features and the content of a technical text in English - give an oral presentation related to mathematics, computer science, polytechnics and physics in English - write a short text in English covering science related topics - successfully search for relevant technical literature and use it with the help of acquired lexical competence understand different language structures and use them correctly (e.g. the passive voice, non-defining relative clauses, compound words etc.)
Course content broken down in detail by weekly class schedule (syllabus)	1.Equations and formulae 2. Lines and angles 3. Two-dimensional figures / The triangle/ The circle /More 2-dimensional figures 4. Three-dimensional figures 5. Force 6. Motion 7. Work, energy and power 8. Health and safety / Computer ergonomics / Electronic rubbish / The risks of using mobiles and in-car computers 9. Operating systems and the GUI 10. Graphics and design / Multimedia 11. Sound and music /Audio files on the Web / Digital audio players / Other audio applications 12. Computers and work / Jobs in computing / Computers and jobs: new ways, new profiles /E-commerce 13. Web design / HTML / Basic elements / Video, animations and sound/Chatting and video conferences 14. Internet security /Internet crime /Malware: viruses, worms, trojans and spyware /preventive tips 15. Robots, androids, AI /Robots and automata /Uses for robots/ Artificial Intelligence/Inteligent homes

<table>
<tr><td>Format of instruction</td><td></td><td></td></tr>
<tr><td>Student responsibilities</td><td colspan="2">Students are expected to attend the classes regularly and participate actively in classes. They are also expected to give an oral presentation on a course related topic in English and pass two preliminary exams or a written exam.</td></tr>
<tr><td>Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)</td><td colspan="2"><table><tr><th>Name</th><th>Ects</th><th>Name</th><th>Ects</th><th>Name</th><th>Ects</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table></td></tr>
<tr><td>Grading and evaluating student work in class and at the final exam</td><td colspan="2">Regular attendance, participation in classes, oral presentation, two preliminary exams.</td></tr>
<tr><td>Required literature (available in the library and via other media)</td><td colspan="2"><table><tr><th>Title</th><th>Number of copies in the library</th><th>Availability via other media</th></tr><tr><td></td><td>0</td><td></td></tr></table></td></tr>
<tr><td>Optional literature (at the time of submission of study programme proposal)</td><td colspan="2">Allen, J. P. B i Widdowson, H. G.: English in Physical Science, Oxford University Press, 1978.
Glendinning, E. H.: English in Mechanical Engineering, Oxford University Press, 1979.</td></tr>
<tr><td>Quality assurance methods that ensure the acquisition of exit competences</td><td colspan="2">Consultations, discussion, active participation, evaluation.</td></tr>
<tr><td>Other (as the proposer wishes to add)</td><td colspan="2">No.</td></tr>
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