

Subject card

Subject name and code	Technical Communication, PG_00188609						
Field of study	English Studies						
Date of commencement of studies	October 2027		Academic year of realisation of subject			2027/2028	
Education level	Master's studies		Subject group			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study	
Mode of study	full-time studies		Mode of delivery			at the university	
Year of study	1		Language of instruction			Polish	
Semester of study	2		ECTS credits			3.0	
Learning profile	academic		Assessment form			credit	
Conducting unit	Division of Theoretical and Computational Linguistics -> Institute of English and American Studies -> Faculty of Languages -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Marcin Fortuna				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		2.0		43.0	75
Subject objectives	The course aims to bridge the gap between the competencies of philologists and computer scientists, emphasizing the interdisciplinary nature of the Natural Language Processing specialization. Participants will become familiar with the elements of technical writing (primarily documentation), version control systems (Git), co-authoring projects on the GitHub platform, and markup languages (Markdown, LaTeX). The career path of a technical writer will be discussed.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FAMU2_U05] Can use and present orally and in writing knowledge in the field of auxiliary and related sciences, which is a context for English linguistic and literary studies and supports the professional work of an English philologist.	[FAMU2_U05] Is able to use and present, orally and in writing, knowledge of auxiliary and related sciences that constitute a context for English linguistic and literary research and support the professional work of an English philologist, especially in the area of creating technical texts, publications and documentation.	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work
	[FAMU2_W14] Knows and understands selected issues connected to various disciplines constituting auxiliary and related sciences of English Philology, necessary as a context for research in the field of English linguistics and English-language literatures or in the professional activity of the English philologist.	K_W14: Knows and understands the fundamental dilemmas of contemporary civilization in the context of issues related to intercultural linguistic communication and the role of modern technologies in the work of an English philologist, especially in the field of creating technical texts and cooperation with artificial intelligence	[SW1] oral statement/conversation/discussion [SW3] text preparation/written work
	[FAMU2_U10] Can independently plan and implement their own lifelong learning and guide others in this area within the framework of English philology and their chosen field of professional activity.	[FAMU2_U10] Is able to independently plan and implement his/her own lifelong learning and guide others in this area within the field of English Philology and a selected area of professional activity, especially in the area of preparing technical texts in English.	[SU1] oral statement/conversation/discussion
	[FAMU2_K05] Is ready to think and act in an entrepreneurial way in various spheres of professional activity related to the use of the English language	[12045] [FAMU2_K05] Is ready to think and act in an entrepreneurial manner in various spheres of professional activity related to the use of English, especially in the area of preparing technical texts in English.	[SK1] oral statement/conversation/discussion
	[FAMU2_U04] Can select and apply information and communication techniques (ICT) during the acquisition and processing of information for research and professional purposes within the framework of English Studies.	K_U04: Is able to select and apply information and communication technologies (ICT) when acquiring and processing information for research and professional purposes in the field of creating technical texts, publications and documentation.	[SU3] text preparation/written work [SU5] implementation of a problem task
	[FAMU2_W12] Knows and understands the main development trends in literature, in particular with regard to research into English-language literature.	K_W12: Knows and understands selected issues in the field of auxiliary and related sciences of English philology and the realities of English-speaking countries, necessary as a context in the professional activity of an English philologist, especially in the field of preparing technical texts in English.	[SW3] text preparation/written work [SW5] implementation of a problem task
	[FAMU2_U02] Can apply knowledge in the field of linguistics and literature in solving practical problems in the field of the chosen specialty.	[12049] [FAMU2_U02] Is able to apply knowledge of linguistics in solving practical problems within the scope of a chosen specialization, especially in the area of preparing technical texts in English.	[SU3] text preparation/written work [SU5] implementation of a problem task
	[FAMU2_K02] Is prepared to recognise the importance of knowledge and skills in English Studies in solving cognitive and practical problems and to seek the advice of a supervisor in their chosen place of work in the event of difficulty in solving problems on their own.	Is ready to recognize the importance of knowledge and skills in the field of English studies in solving cognitive and practical problems and to seek the opinion of a research supervisor or supervisor at the chosen place of work in the event of difficulties in solving problems independently, especially in the area of creating texts, technical publications and documentation.	[SK3] text preparation/written work [SK5] implementation of a problem task

Subject contents	• Technical Writing (Creating Software Documentation in English) • Specifics of Technical Language • Structure of Documentation Text • Overview of Advanced, Dedicated Tools for Creating Technical Documentation: Madcap Flare, Adobe RoboHelp, ClickHelp, etc. • Introduction to Markup Languages • Markdown as the Basic Tool for Software Documentation by Developers • LaTeX as a Tool for Creating Professional Technical and Academic Texts • Linguistic Notation in LaTeX: Phonetic Transcription, Drawing Syntax Trees and Graphs • Version Control • Introduction to Git as the Basic Tool for Collaborating on a Software Project • Creating a Git Repository, Setting Up a GitHub Account • Groupwork in a Single Repository Using Git • Jupyter Notebook • Jupyter Notebook as a Data Analysis Tool for Creating Interactive Technical Texts Containing Executable Code Snippets • Optional Content: • A Brief Introduction to Terminal Text Editors (Vim editor) • An overview of the most popular code editors, also known as IDEs (VS Code, PyCharm)		
Prerequisites and co-requisites	ATTENDANCE AT ALL CLASSES IS MANDATORY, UNLESS THE STUDENT OBTAINS THE DEAN'S CONSENT TO STUDY ACCORDING TO AN INDIVIDUAL ORGANIZATION OF STUDIES.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	task	51.0%	40.0%
	essay	51.0%	50.0%
	oral test	51.0%	10.0%
Recommended reading	Basic literature	• Technical Communication, 15th Edition, by John Lannon and Laura Gurak (2021) • Developing Quality Technical Information: A Handbook for Writers and Editors (IBM Press) By Michelle Carey, Moira Lanyi, et al. • Pro Git, by Scott Chacon and Ben Straub • The LaTeX Companion, 3rd edition (TTCT series) • LaTeX Beginners Guide	
	Supplementary literature	Technical Communication by Mike Markel	
	eResources addresses		
Example issues/ example questions/ tasks being completed	• Write technical documentation for your chosen software. • Create a Git repository on GitHub. • Write a document in LaTeX.		
Work placement	Not applicable		

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