Courses in English
Course Description

Department	05 Technical Systems, Processes and Communication
Course title	**Scientific Writing**
Course number	
Hours per week (SWS)	2
Number of ECTS credits	3
Course objective	This course module teaches how to write scientific papers and publications. This writing ability is vital for success at university or in a professional career. The students explore the conventions of academic writing, consider common mistakes and learn guidelines for structured work. Written texts are individually formulated and improved. The students learn the ability to communicate information verbally and visually. The students improve their language and presentation skills by practice, reflection and the evaluation of the performance of their peers.
Prerequisites	Good command of the English language.
Recommended reading	Scientific Research Writing for non-native English Speakers, ISBN-13: 978-1848163102 Business English ISBN: 9783648121337 , 3648121332 50 Ways to Improve Your Presentation Skills in English, ISBN: 9781902741864, 9783526511908
Teaching methods	Lecture, seminar instruction, written assignments, self-study, exercises (individual and group work), flipped classroom, role-play, video-analysis & feedback
Assessment methods	Modular work
Language of instruction	English
Name of lecturer	Prof. Dr. Martina Lindner
Email	noch nicht bekannt
Link	

Hochschule München University of Applied Sciences

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Course content

How to plan and write a scientific publication:
 Different types of academic works (articles, overview papers, letters, ...).
 Outline and structure of the work (state-of-the-art, materials and methods, results, discussion, conclusion, summary, bibliography, appendix). What goes where? Which parts may be omitted or collapsed? Where do I start?
 Grammar and tense in scientific writing (presence, imperfect, perfect)
 Active and passive voice in academic works.
 Paragraphs and connecting sentences.
 How to write clearly and plainly, scientifically exact and intelligible.
 Orthography and punctuation.
 Typical terms and expressions that find common use in different parts of an academic publication (to show, demonstrate, illustrate, summarize, conclude, etc.).
 Correct citation, cross-linking and creation of a list of literature / bibliography.
 The creation and use of images, tables and diagrams.
 Examples of common mistakes in scientific writing.

How to communicate and present
 Common mistakes of presenters
 How to deliver and evaluate a presentation
 How to overcome anxiety and stress
 How to effectively use your voice and body language.
 How to provide constructive feedback
 How to handle questions
 How to work in groups and teams

Remarks