

Typesetting scientific documents with LaTeX
- COURSE SYLLABUS



1.	Course title:	
		<i>Typesetting scientific documents with LaTeX</i>
2.	Lecturer:	
		<i>dr inż. Piotr Klejment</i>
3.	Field, type and level of studies, year of study:	
		<i>all years of study, IT tools for scientists</i>
4.	Course character:	
		<i>monographic lecture</i>
5.	Teaching method:	
		<i>traditional or traditional + on-line</i>
6.	Language:	<i>English</i>
7.	Course type and number of hours:	
		<i>Lecture, 10 h</i>
8.	Estimated load of student's independent work:	<i>20 h</i>
9.	Total workload and number of ECTS points:	<i>30 h, 1 ECTS</i>
10.	Short description and main focus of the course:	
		<p><i>LaTeX is a high-quality typesetting system, which is used all over the world for scientific documents, as well as for journals, CVs, resumes, papers, presentations, assignments, letters, project reports, and more... It allows users to very quickly tackle the more complicated parts of typesetting, such as inputting mathematics, creating tables of contents, referencing and creating bibliographies, and having a consistent layout across all sections. Due to the huge number of available open source packages, the possibilities with LATEX are endless.</i></p> <p><i>The course focuses primarily on the development of skills in the field of writing scientific publications, but also includes the creation of presentations and CVs.</i></p> <p><i>The following projects will be completed as part of the lecture: cover letter for journal submission, small scientific article, presentation, CV, doctoral thesis template.</i></p>
11.	References:	
		<i>on-line resources</i>
12.	Prerequisites:	
		<i>basic computer literacy</i>

<p>13. Educational outcomes:</p>	<p>Knowledge: <i>(P8S_WG) in particular, the methodology of scientific research; rules for dissemination of scientific results, preparation of professional scientific documents and their presentation</i></p> <p>Practical Skills: <i>(P8S_UK) communicate on specialized topics to a degree that enables active participation in an international scientific environment; disseminate research results, also to the general public; initiate debates; participate in academic discourse; use a foreign language at B2 level of the Common European Framework of Reference for Languages to the extent that enables participation in international academic and professional communities</i></p> <p><i>(P8S_UO) plan and implement one's own and a team's research or creative work, also in the international community</i></p> <p><i>(P8S_UU) autonomously plan and act on behalf of personal development and inspire and organise the development of others; plan and implement classes or groups of classes using modern methods and tools</i></p>	<p><u>PQF level 8 codes:</u></p> <p><i>P8S_WG</i></p> <p><i>P8S_UK, P8S_UO, P8S_UU</i></p>
	<p>Social Skills:</p> <p><i>(P8S_KK) critically evaluate the achievements of one's academic discipline; critically evaluate one's contributions to the development of that field; recognize the value of knowledge in solving cognitive and practical problems</i></p> <p><i>(P8S_KR) uphold and develop the ethos of the research and artistic communities, including: conducting research in an independent manner respecting the principle of the public ownership of academic research results, taking into account intellectual property rights</i></p>	<p><i>P8S_KK, P8S_KR</i></p>
<p>14. Evaluation of the educational outcomes:</p>		
	<p><i>projects (homework assignments) and lecture activities</i></p>	
<p>15. Criteria to complete the course:</p>		
	<p><i>completion of all projects + attendance</i></p>	
<p>16. Contact with the lecturer:</p>		
	<p><i>email (pklejment@igf.edu.pl), possible personal consultations</i></p>	