Typesetting scientific documents with LaTeX
  - COURSE SYLLABUS

1.	**Course title:**	
	Typesetting scientific documents with LaTeX	
2.	**Lecturer:**	
	dr inż. Piotr Klejment	
3.	**Field, type and level of studies, year of study:**	
	all years of study, IT tools for scientists	
4.	**Course character:**	
	monographic lecture	
5.	**Teaching method:**	
	on-line or traditional + on-line	
6.	**Language:**	*English*
7.	**Course type and number of hours:**	
	Lecture, 10 h	
8.	**Estimated load of student's independent work:**	*5 h*
9.	**Total workload and number of ECTS points:**	*15 h, 1 ECTS*
10.	**Short description and main focus of the course:**	
	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. *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.*	
11.	**References:**	
	on-line resources	
12.	**Prerequisites:**	
	basic computer literacy	

13.	**Educational outcomes:**	**PQF level 8 codes:**
	Knowledge: *The students will know and understand the world's achievements relating to theoretical foundations general and selected specific issues of the TeX at a level enabling the revision of existing paradigms, but also the methodology of the scientific typesetting in TeX.*	*P8S_WG*
	Practical Skills: *The students will be able to take advantage of knowledge from TeX text formatting to creatively identify, formulate and innovatively solve complex problems or perform research activities in this field of knowledge. Also they will be able to participate in academic discourse, plan and implement their own research or creative work and autonomously plan and act on behalf of personal development and inspire and organise the development of others.*	*P8S_UW, P8S_UK, P8S_UO, P8S_UU*
	Social Skills: *The students will be ready to recognize the value of knowledge in solving cognitive and practical problems and conduct research in an independent manner.*	*P8S_KK, P8S_KR*
14.	**Evaluation of the educational outcomes:**	
	projects (homework assignments) and lecture activities	
15.	**Criteria to complete the course:**	
	completion of all projects and attendance	
16.	**Contact with the lecturer:**	
	email, possibility of personal consultation	