

	Course name: MATH425 Mathematical Writing and Design		Department: Mathematics				Semester 7
	Methods of Education						Credit (ECTS)
	Lecture	Recitation/ (Etud)	Lab	Exams	Homework/ Quiz	Other	Total
42	0	0	34	20	84	180	6
Language	English						
Compulsory/Elective	Compulsory						
Prerequisites	None						
Course Contents	Introduction, typing text, typing mathematical formulas and user-defined commands, writing articles, presentations, illustrations, bibtex. make index, books in LATEX.						
Weekly Detailed Course Contents	Weeks	Subjects					
	1	Introduction					
	2	Typing text					
	3	Typing mathematical formulas					
	4	Typing mathematical formulas					
	5	User defined commands					
	6	User defined commands					
	7	User defined commands					
	8	Writing articles					
	9	Writing articles					
	10	Presentations					
	11	Presentations					
	12	Illustrations					
	13	Bibtex, make index					
14	Books in LATEX						
Course objectives	The purpose of this course is to <ul style="list-style-type: none"> • typeset mathematical formulas using LATEX. • define and use new commands in LATEX. • write articles and books using LATEX. • use bibtex for the bibliographic information. • prepare presentations. 						
Learning Outcomes and Competences	Upon completion of this course using LATEX students <ul style="list-style-type: none"> • can type formulas. • know how to set up an article. • prepare a presentation. 						
Textbook and /or References	Main textbooks : <ul style="list-style-type: none"> • G. Grätzer, First steps in Latex, Birkhäuser, Springer-Verlag. • G. Grätzer, More Math into Latex, Springer. 						

		If any, mark as (X)	Percentage (%)
Assessment Criteria	Midterm Exams	X	30
	Quizzes	x	10
	Homeworks	X	10
	Projects		
	Term Paper		
	Laboratory work		
	Other		
	Final Exam	X	50
	Instructors		

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