Course Catalogue

Module Code	Semester	ECTS	SWS	Lecture	Tutorial	Lab
MECH-B-2-SWE-ENG-ILV	2	2.5	2	2	0	0

Course Name	Academic Writing		
Lecturer	D. T. McGuiness, Ph.D (Daniel.McGuiness@mci.edu) (4A-434c)		
Study Programme	Mechatronik		
Official Name	Presenting and Moderating in English	**Lingo**	English
Lecture Prerequisites	The student should not need any prior knowledge, however a brief knowledge of programming would be beneficial and knowing where the keyboard is on a computer is a plus. After completion, the student will have a good understanding of academic writing practices and learn to type typographically excellent documents.		
Course Objectives	**Warning:** This is the content only covered by me as this lecture is shared by both me and Dipl.-Ing. Dr. techn. Phillip Kronthaler. The goal of this lecture is to teach the newcoming students on how to prepare scientific documents and learn academic typesetting practices.		
Primary Course Content	Lecture Homepage on GitHub	WebBook		
Secondary Course Content(s)	*LaTeX Tutorials: A primer* by Indian TeX Users Group , *The LaTeX Companion Part I* by Frank Mittelbach , *The LaTeX Companion Part II* by Frank Mittelbach , *LaTeX: A Document Preparation System* by Leslie Lamport , *The TeXBook* by Donald Knuth , *Guide to LaTeX* by Helmut Kopka, Patrick W. Daly ,		
Homework(s) and Project(s)	Personal Assignment (100)		

Assessment Criteria	**Assignment Type**	**Effect**	**Count**
	Personal Assignment	100	1

Lecture Structure

Order	Topic	Units	Self Study
1	Introduction and Basics	4	8
	*Introduction	A Historical Overview	Current State	Installation	The Process of LaTeX	Basics of Typesetting	Fonts	Type Size*		
2	Document and Content	4	8
	*The Document Class	Page Style	Page Numbering	Formatting Lengths	Parts of a Document	Borrowing Text	Making Lists*		
3	Typesetting Mathematics	4	8
	*True Purpose of TeX	Fundamentals	Custom Commands	Additional Math	Additional Commands	New Operators	Fonts for Mathematics*		
4	Floats, Glossaries and References	3	8
	*The figure Environment	The Table Environment	Introduction	Using Glossaries	The Purpose of Cross-Referencing	Making LaTeX do the Work	Pointing to a Page using the varioref Package*		
5	**Sum**	15	30

■ Any major announcements will be made on SAKAI regarding any possible date/content/structural changes for the assignment(s), exam(s).

■ Any lecture material will be posted at the lectures corresponding GitHub home-page. The link will be present on the lectures SAKAI homepage.

■ If there are any questions regarding course content/exams/assignments please do not refrain from contacting me (Daniel.McGuiness@mci.edu).