

Seminar (Mechatronic Eng.) Saturday 11:00–12:30 Room: A10
Faculty of New Sciences and Technology
University of Tehran

Instructor: Mehdi Tale Masouleh , Office A217, Phone: 6111-8574

Teaching Assistant: Hamid Farzaneh

Office Hours: 10:00-11:00 Wednesday and by appointment.

Prerequisites:

- L^AT_EX (Words typeset are not accepted)
- A computer algebra system, such as Matlab and Maple
- A CAD software (Preferably SolidWorks)

Course Outline: (11 weeks)

L ^A T _E X.....	approx 2 weeks
Beamer	approx 2 weeks
Vectorial figures	approx 1 weeks
Graphs	approx 2 weeks
3D figures	approx 1 week
Submitting a Journal paper	approx 1 weeks
Oral presentation	approx 2 week

Projects:

1. **Application form** (20%): Students are asked to design a dynamic application form using L^AT_EX. This form should contain information which are in standard application form, such as personal information, contact information, education, publication, research interests, a brief purpose of statement, references, hobby,
2. **Commercial Proposal** (20%): Each group of three students should select a commercial topic and present a proposal.
3. **Commercial Presentation** (20%): The above groups should prepare a presentation in support of their commercial proposal.
4. **Proposal** (20%): Students should fill the proposal form provided by department.
5. **Master's Presentation** (20%): Students should prepare a presentation of their Master's project.

Academic Honesty: As a University of Tehran student, you have agreed to abide by the University's academic honesty policy. A Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

Extra Help: Do not hesitate to come to my office or contact me during office hours or by appointment to discuss a homework problem or any aspect of the course. Moreover, Hamid is at your total disposal for helping you in using L^AT_EX.

Important Dates:

ICROM2013 presentations	1391/11/21
Commercial presentation (Group I)	1392/01/24
Commercial presentation (Group II)	1392/01/31
ISME2013 presentations	1391/02/14
ICEE2013 presentations	1391/02/21
Commercial presentation (Group III)	1392/02/07
Master's presentation (Start day- each day two students) .	1392/02/14
Application form	1392/03/01