



TEL AVIV אוניברסיטת תל אביב
UNIVERSITY תל אביב

Full Syllabus



Course Title

Introduction to mechanical engineering

Lecturer

Prof. Avraham (Avi) Seifert, TA Ms. Zohar Azulay

Semester

ALEF

Course requirements

Attend 90% of class sessions, submit 90% of assignments incl. final project (design and 3D printing)

Final grade components

Only pass/no pass

Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	What is mechanical engineering (interactive)
2	Past, present and future of Mech. Eng. (interactive)
3	Aerodynamics of sports (lecture by Prof. Seifert)
4	Disciplines of Mech. Eng.
5	What does a Mech. Eng. Need to know?
6	What tools are needed by Mech. Engineer?
7	Inventions, startups and in between
8	Student 4 th year project presentations
9	Discussing competition
10	Preparing competition
11	Competition
12	No class
13	No class

Required course reading

AS will be provided in MOODLE

Optional course reading

AS will be provided in MOODLE

Comments

This course will be given in ENGLISH. Many small assignments and student presentations.