

MIMU356

MECHANICS OF MATERIALS LABORATORY

FALL 2006

INSTRUCTOR : Prof. Sinan Müftü, 369 SN, 617-373-4743, smuftu@coe.neu.edu

T. A. : Mr. Ernesto Lopez (244H- FR)

LAB HOURS : On three designated weeks.

LAB LOCATION : **244 Forsyth (FR)**

MIMU356 is the companion laboratory course for Mechanics of Materials (MIMU355). The labs are held in 244 FR. This is a 1 credit course which will be graded separately from MIMU355. *Note that the lab course will involve only three laboratory* experiments on the following topics:

- a) Tensile testing of bars.
- b) Torsional testing of shafts and
- c) Bending of beams.

Therefore the lab course will meet only three times during the semester. The lab dates will be announced in class. There is no lab during the 1st or 2nd weeks of the course. You will be assigned to a laboratory group during the first week of class.

The *lab-instructions*, the *grading criteria* and the *report template* are posted on the *Blackboard* under the *Course Documents* tab. The labs will be graded according to the grading criteria.

Please note the following:

- The lab reports are expected to be written using the report template.
- Attendance in all three labs and submittal of a report for each lab is mandatory.
- Due dates of each report will be announced in class. Reports should be submitted on time. The following grade penalty applies for late reports:
 - One week late, 25%,
 - Two weeks late, 50%.
- Reports that are late for more than two weeks will be accepted but not graded.
- Switching lab groups is allowed only under extraordinary circumstances and only by the instructor's or the TA's consent.
- No make-up labs will be given, unless a very valid reason, with proof is presented.
- The students will receive a separate letter grade for MIMU356.