ME 343 Mechanical Lab I (Spring 2004)

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----------------------- Rules of the Game ------------------------

(1) Grade Calculations

50% Lab Report (5) and Class Attendance (14)
   - Lab attendance is a must for each lab experiment! More than 1-hour delay is considered as absence. Makeup may be allowed, with TA’s supervision ($20/hour for TA’s supervision as personal tutorship).
   - Class attendance is required (20% of Lab grade). More than 30-min delay will be considered as absence.

20% Homework (5) and Lab Abstract (1)
15% Mid-term Examination (1)
15% Final Examination (1)

Final Grade is based on the total grade. 
In general, above 90% guarantees a “A” grade and below 60% will result in a “F” grade.

(2) Lab Report Requirement

All reports should be individually completed and submitted in time. Group discussion is encouraged but not for “Group Report”. For identical reports or very similar reports, the grade is divided by the number of students involved. Resubmitted Lab report is accepted (final grade will be averaged with the original grade)

(3) Homework and Lab Abstract Requirements

(a) Five Assignments will be given, with 4-6 problems per assignment.
(b) Assignments are due biweekly, with a two-day grace period from the due day.
(c) Late submission will be accepted and will be given a 50% grade deduction.
(d) Homework grade is based on “efforts” rather than “correctness”.
(e) Homework will be returned in about one week.
(f) One-session lab (Acoustics and Noise Control) will be performed. A 2-page lab abstract/summary is required.

(4) Mid-term/Final Exam Requirement

(a) A 1.5 hour mid-term exam will be given, mainly covering topics of Uncertainty Analysis, Filtration Theory, and Theory for Temperature Measurement.
(b) A 2.5-hour final exam will be given, mainly covering topics of Strain-gage Theory, Theory of Flow Measurement, PLC & PID Control Concept, and Theory of Acoustics Measurement.
(c) All exams are open book and notes.