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Université d'Ottawa
Faculté de génie
Génie mécanique

University of Ottawa
Faculty of Engineering
Mechanical Engineering

MCG 2130 - THERMODYNAMICS I

Instructor: Dr. R. E. Milane
Phone 562 5800 (6278)
Office CBY A-208

Course text:

Fundamentals of Classical Thermodynamics, 7th edition, [redacted], Sonntag, and Borgnakke, Wiley.

Contents:

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Problem Labs :

A problem lab session which will be held every week. In the problem lab you will work on problems under the direction of the teaching assistant. At the end of each problem lab, a test on the subject discussed in the previous week will be given. The duration of the test will be 20-30 minutes. You will also be given weekly suggested problems. These will not be marked, but solutions will be available on reserve in the library.

Test and Marking Scheme:

A mid-term test will be held on Thursday 23 October.

The marks for the test and the problem labs will be added to give a term mark T out 100:

Midterm tests	60%
Problem labs	40%
Total Term	100%

This will be combined with the final exam mark F (out of 100) to give the final mark.

I) If $F > 60$ and $F > T$, the final mark will be calculated as:

$$MARK = (F^2/100) + (100 - F)T/100,$$

a weighting scheme which increases the value of the final exam as F increases above T.

II) If $F < 60$ or $F < T$, a simple weighting applies instead:

$$MARK = 0.6F + 0.4T$$

Consultation:

Thursday 13:00-15:00.

The tutor will be available for individual consultation at times to be posted.

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