

**COURSE INFORMATION**  
**MEC309 Basic Thermodynamics**  
**Winter, 2004**

**Instructor:** Prof. Wey Leong  
**Office:** KHS47A (below the Department of Mechanical and Industrial Engineering)  
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**Office hours:** Tuesday 1:00 P.M. – 4:00 P.M.  
Wednesday 11:00 A.M. – 12:00 P.M. & 1:00 P.M. – 4:00 P.M.  
Other hours: please make appointments

**Teaching Assistant (Tutorial & Assignment Marking):** Jason Sha, jsha@ryerson.ca,  
**Laboratory Assistant (Lab Presentation & Report Marking):** Dave Reid, dreid@ryerson.ca, EPH401

**Lecture Schedule:** Monday: 4:00-5:00 P.M., KHS369  
Wednesday: 9:00-11:00 A.M., KHS239

**Laboratory Schedule:** Labs take place in the basement of East Kerr Hall at **KHE29** (check the full lab schedule given in class on Jan. 7 or download from the course website)

**Course Website:** [www.ryerson.ca/~weyleong/courses/mec309/](http://www.ryerson.ca/~weyleong/courses/mec309/)  
The course website will be updated frequently. It is your responsibility to check the website for latest announcement, assignments, solved problems, past-year tests and exams, etc.

**Course Materials:** Please see the Course Outline, which gives the covered topics and text sections.

**Independent Reading:** Students are expected to read the textbook at a rate roughly coincident with the course plan in the Detailed Course Content of the Course Outline.

**Lectures:** Lectures will highlight the theories covered in the textbook. Lectures may contain some extra material not covered in the text. For the course materials not covered in lectures, the students are responsible to study and understand them.

**Tutorial sessions:** There will be drop-in tutorial sessions. It will be announced in the class and course website.

**Assignments:** Assignment problems will be given regularly. A number of selected problems from the assignments will be marked. Solutions must have the proper form to get full marks. It is essential to work consistently on the assignments for gaining the experiences of applying the materials. **Assignment problems are to be done independently. No group work is allowed.** Students are also recommended to attempt all solved problems posted on the course website.

**Lab reports:** Each lab group submits one lab report per lab. A penalty of 10% per day is imposed for late submission of reports. Attendance will be checked and only students who present for the full duration of the labs will receive credit.

**Term Tests:** The **one-hour open-book** term tests will be held on **Feb. 13** (Friday) and **Mar. 19** (Friday), 4:00 – 5:00 P.M. The textbook, class notes, a 8½”×11” reference sheet (equations and conversion factors only), a calculator, a ruler, pens/pencils, and an eraser will be the only aids permitted. No solved problems are allowed. Solutions must have the proper form to get full marks.

**Final Exam:** The **three-hour closed-book** final exam will cover the whole course, with emphasis on the material after the second term test. A 8½”×11” reference sheet (equations and conversion factors only), appendices of the textbook, a calculator, a ruler, pens/pencils, and an eraser will be the only aids permitted. No solved problems are allowed. Solutions must have the proper form to get full marks.