

Thermal Physics

PHY B52 - Winter 2015

thermodynamics made upon me. It is the only physical theory of universal content which I am convinced will never be overthrown, within the framework of applicability of its basic concepts."

– Albert Einstein

Instructor: Johann Bayer

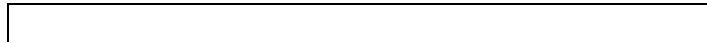
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Office Hours



Final Examination (45%)

The final examination will be scheduled during the exam period of **April 10 - 25**. Content for the final examination includes all the topics discussed in the assigned textbook readings, lecture presentations, problem sets, and tutorial quizzes. The final examination will be **3 hours**

Academic Integrity and Respect for the Academic Endeavor

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signal of each student's individual academic

Class Schedule

This schedule is *tentative* and might change during the term in order to accommodate for variations in the lectures in response to performance and feedback from the students.

Some topics might be removed and others added to adjust for variations in the background of the class. Announcements will be made whenever needed.

Please note that it is your responsibility to read the assigned sections and chapters **before** each lecture.

During the lectures we will concentrate on the most important and difficult aspects of the theories and concepts from your textbook readings.

Failing to complete the textbook readings before each lecture will negatively affect your ability to understand and participate in the class discussions.

Dates	Tuesday Lecture 1pm - 3pm	Thursday Tutorial 3pm - 5pm
Jan. 06 Jan. 08	Energy in Thermal Physics Chapter 1: 1 - 2	Energy in Thermal Physics Chapter 1: 3 - 4
Jan. 13 Jan. 15	Energy in Thermal Physics Chapter 1: 5 - 6	Problem Set # 01 Tutorial #01
Jan. 20 Jan. 22	The Second Law Chapter 2: 1 - 2	Problem Set # 02 Tutorial #02
Jan. 27 Jan. 29	The Second Law Chapter 2: 3 - 4	Problem Set # 03 Tutorial #03
Feb. 03 Feb. 05	The Second Law Chapter 2: 5 - 6	Problem Set # 04 Tutorial #04
Feb. 10 Feb. 12	Interactions and Implications Chapter 3: 1 - 3	Problem Set # 05 Tutorial #05
Feb. 17	Reading Week	Problem Set # 06