

# CHM B20 H3 F Chemical Thermodynamics and Elementary Kinetics

Fall 2013

**Instructor:** Ilya Ryabinkin, PO 104, Rm 109  
i.ryabinkin@utoronto.ca

**Textbook:** *Physical Chemistry 9th Ed.* (vol 1 only)  
by Atkins and de Paula

<b>Grading:</b>	3 in-class tests	3x12%	36%
	4 assignments	4x6%	24%
	Final exam		40%

**Office hours:** 12:00PM-2:00PM

If you miss a test or an assignment (without my **written** consent), an official UTSC medical note is required (or do some really good talking!) in order to avoid a mark of zero.

**No make-up tests.** If you miss a test weights are adjusted so that any of two you complete will be count as 15%.

Cheating is **strictly prohibited** and will be dealt very seriously. Believe me, it is very easy to understand, who has done the work and who has copied. Group *discussions* are encouraged, but each student has to complete the assignment individually and independently.

# Syllabus

(minor changes could be done though)

Week	Chapter reference	Notes
1	Sept 4	Chapter 2.1–2.4 <i>(Ch. 1 is assumed!)</i>
2	Sept 9; 11	Chapter 2.5–2.10
3	Sept 16; 18	2.11–3.5 (not 2.12)
4	Sept 23; 24	Chapter 3.5–3.9, Chapter 4 <i>Assignment 1 due</i>
5	Sept 30; Oct 2	Chapter 4 (cont'd) <b><i>First test, Oct 2</i></b>
6	Oct 7; 9	Chapter 5.1–5.7, 5.10–5.13 <i>Assignment 2 due</i>
7	Oct 21; 23	Chapter 6.1–6.4 <b><i>Second test, Oct 23</i></b>
8	Oct 28; 30	Chapter 6.3–6.9
9	Nov 4; 6	Chapter 20.1–20.2; 20.4–20.8 <i>Assignment 3 due</i>
10	Nov 11; 13	Chapter 21.1–21.7
11	Nov 18; 20	Chapter 22.1–22.1 <b><i>Third test Nov 20</i></b>
12	Nov 25; 27	Chapter 22.2–22.4 <i>Assignment 4 due</i>
13	Dec 2	review