

CHMA1071 Fall 2009 Syllabus



OH course web site: <http://www.chem.utoronto.ca/~chma1071/>

CHMA1071 is a first-year course in chemical thermodynamics. It covers the following topics:

1. The First Law of Thermodynamics
2. The Second Law of Thermodynamics
3. The Third Law of Thermodynamics
4. Phase Equilibria
5. Chemical Equilibria

The course is designed to provide a solid foundation in the principles of chemical thermodynamics and to develop the skills necessary to apply these principles to a wide range of chemical systems.

Week	Topic	Text	Problems	Exercises
1	1. The First Law of Thermodynamics	1.1-1.3	1.1-1.3	1.1-1.3
2	2. The Second Law of Thermodynamics	2.1-2.3	2.1-2.3	2.1-2.3
3	3. The Third Law of Thermodynamics	3.1-3.3	3.1-3.3	3.1-3.3
4	4. Phase Equilibria	4.1-4.3	4.1-4.3	4.1-4.3
5	5. Chemical Equilibria	5.1-5.3	5.1-5.3	5.1-5.3

%	Weekly assignments	The lowest mark will be assigned	Homework and	4
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