

CHEM 104 – General Chemistry II 2013/2014-Fall

Instructor: Prof. Nihan Nugay e-mail: nugaynih@boun.edu.tr KB12

Lecture Hours: TT 34 (NH 104) and W4 (NH 305) **PS:** F 4 (NH 305)

P.S Assistant : Sesil Agopcan sesilagopcan@yahoo.com KB 332

Text Book: General Chemistry by R. H. Petrucci (9th or 10th Eddition)

Topics to be covered:

1. Thermochemistry (Ch-7)
2. Thermodynamics (Spontaneous change: Entropy and Free Energy (Ch-19)
3. Chemical Kinetics (Ch-14)
4. Principles of Chemical Equilibrium (Ch-15)
5. Acids and Bases (I) (Ch-16)
6. Acids and Bases (II): Additional aspects of Acid-Base Equilibria (Ch-17)
7. Solubility and Complex Ion Equilibria (Ch-18)
8. Electrochemistry (Ch-20)

Course Evaluation:

Mid-Term I	30 %	Nov 14 th Thursday (17:00)
Mid-Term II	30 %	Dec 17 th Tuesday (17:00)
Final Exam*	40 %	(will be announced later)

A minimum average of 40 is required for two midterm exams in order to qualify to take final exam.

Make-up Exams: A student, who has missed a midterm exam, should present an acceptable excuse to the lecturer, within one week of the exam. If an exam is missed due to illness, a report certified by the university doctor should be presented. A make-up exam will be given at the end of the semester, covering the whole work of the semester. If one misses the final exam, a petition should be presented to the Office of Registrar, and not to the lecturer, in order to take the make-up exam.