

General Chemistry

CHEM 121 – Chem 141, Physics, 2012-2013 Fall Semestre

- Instructor:** Assoc. Prof. Dr. Şerife Yalçın
Science Faculty, Room: 313
750 7624
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- Lectures:** **Tues:** 10:45-12:30 (D10) **Thursday:** 11:45 -12:30 (D8)
- Lab Hours:** Wed: 13:30 - 15:15
- Recitation hours:** **Wed: 9:00 - 10:00** **Teaching Assistant: Özlem Ece**
******Starts on 31st October**
- Materials:** **Textbook:** Petrucci, Harwood, Herring , Prentice Hall (2002)
General Chemistry: Principles and Modern Applications, 9th edition
- Lab-book:** Petrucci, Harwood
Experiments in General Chemistry, 7th edition
- Available from:** Pearson Education / İzmir Tıp Kitapevi Bornova

Objective of the course:

To provide a through background of fundamental concepts in chemistry.
To help students understand the relevance of chemistry to their career interests by providing real world examples of biological sciences, engineering and environmental sciences.
To sharpen student skills in problem solving and critical thinking

Course Outline:

1. Matter- Its properties and Measurement
2. Atoms and the Atomic Theory
3. Chemical Compounds
4. Chemical Reactions
5. Introduction to reactions in Aqueous Solutions
6. Gases
7. Thermochemistry
8. Electrons in Atoms

Course Grading and Examination Dates:

Mid Term I	November 6, 2012	25%
Mid Term II	December 11, 2012	25%
Final	to be determined	40%
Homework and Quizzes		10%