General Chemistry
CHEM 121 – Chem 141, Electrical Engineering, 2019-2020 Fall Semestre

Instructor: Prof. Dr. Şerife Yalçın
Science Faculty, Room: 313
750 7624
serifeyalcin@iyte.edu.tr

Lectures: Wed: 9:45-11:30 Place: (Math-Z13)
Thursday: 11:45 (Math-Z12)

Lab Hours: Tues: 13:30 - 15:15

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:

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<th>Date</th>
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<tbody>
<tr>
<td>Mid Term I</td>
<td>November 13th, 2019</td>
<td>25%</td>
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<tr>
<td>Mid Term II</td>
<td>December 18th, 2019</td>
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<tr>
<td>Final</td>
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<td>Lab Final</td>
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<td>Homework and Quizzes</td>
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