

CHEM 102 General Chemistry**SUMMER'26****Syllabus and Course Policies**

Semester	Credits	ECTS	C + P + L	Prerequisites	Corequisites
3	3	6	3+1+0	-	CHEM 102

Instructor:

Dr. Filiz Emlik filiz.emlik@bogazici.edu.tr

Office: KB 6, Chemistry Department

Office Hour: by appointment via email

Lecture/Lab Hours:**CHEM 102****Lecture Hours:** M: 12 KB126

T: 12 KB126

W: 12 KB126

Problem Session: M: 34 PS KB126 After each chapter, related problems will be solved**Office hours:** T3 by appointment through e mail**Text Book:** General Chemistry by R. H. Petrucci (10 th or later editions)**Topics to be covered:**

1. Thermochemistry (Ch-7)
2. Spontaneous change: Entropy and Free Energy (Ch-13)
3. Chemical Kinetics (Ch-15)
4. Principles of Chemical Equilibrium (Ch-16)
5. Acids and Bases (I) (Ch-17)
6. Acids and Bases (II): Additional aspects of Acid-Base Equilibria (Ch-18)
7. Solubility and Complex Ion Equilibria (Ch-19)
8. Electrochemistry (Ch-20)

Course Evaluation:

Mid-Term I 30 %

Mid-Term II 30 %

Final Exam 40 %

- A minimum average of 30 is required for two midterm exams in order to qualify to take final exam.
- There are no make-up and resit exams in the summer term.