

CHEM 202 Analytical Chemistry
2023 Spring Semestre

Schedule: 3 lecture hours. Tuesday: 11:30 – 12:30 (D6)
Thursday: 10:45 – 12:30 (D6)

Instructor: Prof. Dr. Şerife H. Yalçın,
Math-Dept. Building Room: 110, Ph: 750 7624,
e-mail: serifeyalcin@iyte.edu.tr

Texts to follow: Fundamentals of Analytical Chemistry,
Douglas A. Skoog, Donald M. West, F. James Holler, Stanley R. Crouch
Any one of the 7th, 8th and 9th editions

Course Coverage:

Part III Classical Methods of Analysis

Chapter 13 Titrations in Analytical Chemistry

Chapter 14 Principles of Neutralization Titrations

Chapter 15 Complex Acid/Base Systems

Chapter 16 Applications of Neutralization Titrations

Chapter 17 Complexation and Precipitation Reactions and Titrations

Part IV Electrochemical Methods

Chapter 18 Introduction to Electrochemistry

Chapter 19 Applications of Standard Electrode Potentials

Chapter 20 Applications of Oxidation/Reduction Titrations

Course Grading: There will be 2 general and one Final exam

Mid Term-1: 04/MAY/2023 25%

Mid Term-2: 08/JUNE/2023 25%

HW 10%

FINAL 40%