

University of Baghdad

College of Pharmacy

Department of Pharmaceutical Chemistry

Title of the course: *Practical Analytical Chemistry* Course number: **113**

Level: 1st Class, 1st Semester

Credit hours/week : **1**

Reference text: *Hand book for Analytical Chemistry lab adopted by department*

No	Lecture title	hours
1	Demonstration of some laboratory equipments.	2
2	Separation and identification of group 1 cations (individual test).	2
3	Analysis of group 1 cations mixture.	4
4	Preparation and standardization of an acid.	2
5	Determination of the percentage of acetic acid.	2
6	Analysis of sodium carbonate and sodium hydroxide mixture.	2
7	Determination of chloride by the Mohr method.	2
8	Determination of chloride by the Volhard method.	2
9	Preparation and standardization of 0.1N KMnO ₄ .	4
10	Determination of ferrous form of iron in Mohr's salt.	2
11	Determination of total hardness in tap water.	2
12	Gravimetric determination of Nickel.	4