

Faculty of Pharmacy

Instrumental Analysis

Information :

Course Code : PHC 224

Level : Undergraduate

Course Hours : 4.00- Hours

Department : Faculty of Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	Amr Mohamed Mohamed Badawey	7
Professor	Amr Mohamed Mohamed Badawey	7
Lecturer	DINA ABBAS AHMED MOSTAFA	
Lecturer	DINA ABBAS AHMED MOSTAFA	
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	
Teaching Assistant	Nour elhouda Mohamed Nagieb Mohamed Abdelhamed	1
Teaching Assistant	Nour elhouda Mohamed Nagieb Mohamed Abdelhamed	1

Description :

The course deals with absorption spectroscopy, instrumentation, colorimetry, quantitative determination of components, also emission spectroscopy including theory of fluorescence, phosphorescence, different relaxation processes, and study factors affecting fluorescence, quantitative fluorescence, instrumentation and applications. Flame spectroscopy including flame emission and atomic absorption. Separation techniques (by chromatography) in addition to electrochemistry containing conductometry, potentiometry and polography.