

Faculty of Pharmacy

Instrumental Analysis

Information :

Course Code : PCE 002

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	HANAN MOHAMED REFAAT KHALIL ELAASI	
Lecturer	Sara Abdel Rsheed Mohamed Mohamed Elhanboushy	1
Lecturer	DINA ABBAS AHMED MOSTAFA	2
Lecturer	Ola Gamal Hussein Farrag	
Assistant Lecturer	Haitham Abbas Ali El Fiky	
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	
Assistant Lecturer	Salma Nasser Ali Hassan Amer	

Description :

Spectroscopic methods of analysis which include uv/vis spectroscopy, principal, instrumentation, factors affecting absorption and applications in pharmaceutical analysis. Fluorimetric methods, principal instrumentation, factors affecting fluorescence intensity and applications in pharmaceutical analysis. Atomic spectroscopy; principal and instrumentation. Chromatographic methods for analytical chemistry which includes: TLC, gel chromatography, column chromatography, HPLC, UPLC, TLC, gas chromatography, capillary electrophoresis.