

**Faculty of Pharmacy**

**Instrumental Analysis**

**Information :**

**Course Code :** PC 305

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Pharm D

**Instructor Information :**

Title	Name	Office hours
Professor	Hayam Mahmoud Lotfy Ibrahim Mahmoud	
Professor	Amr Mohamed Mohamed Badawey	0
Lecturer	DINA ABBAS AHMED MOSTAFA	
Assistant Lecturer	Ola Gamal Hussein Farrag	
Assistant Lecturer	EMAN MOHAMED FARAG MAHMOUD MORGAN	
Assistant Lecturer	Sara Abdel Rsheed Mohamed Mohamed Elhanboushy	
Assistant Lecturer	Maryam Ahmed Abdel Raouf Bakr	
Assistant Lecturer	Soad Emad Abo El Hoda Ibrahim	
Teaching Assistant	Nour elhouda Mohamed Nagieb Mohamed Abdelhamed	
Teaching Assistant	Nourhan Hossam Mohamed Elsadek Elwan	
Teaching Assistant	Youmna Waheed Abdelnaeem Abdelhamid	

**Area Of Study :**

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.

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