

**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	
Lecturer	Sara Abdel Rsheed Mohamed Mohamed Elhanboushy	
Lecturer	DINA ABBAS AHMED MOSTAFA	

**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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