

**Faculty of Computers and Information Technology****Advanced physics****Information :****Course Code :** PH102**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Faculty of Computers and Information Technology**Instructor Information :**

Title	Name	Office hours
Lecturer	Mahmoud Mohamed Saad Abdelnabi	1
Teaching Assistant	Farah Hossam Eldin Mahmoud Abdelhamed Ibrahim	
Teaching Assistant	Mariam Mohamed Ali Ahmed Elshimey	

**Area Of Study :**

The course is an advanced level physics course that gives the student the chance to perceive Oscillations and Mechanical waves with full knowledge of oscillatory motion, wave motion, sound waves, superposition and standing waves. It also allows the hand-on experience with Wave Optics such as interference, diffraction, and polarization. Students will be supported by their knowledge of Introduction to Quantum Physics, Atomic Physics, Molecules and Solids.

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