

Faculty of Oral & Dental Medicine

Physics

Information :

Course Code : SGS 112

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Lecturer	Mohamed Mokhtar Saad Fahim Hefny	10
Lecturer	Mohamed Mokhtar Saad Fahim Hefny	10
Assistant Lecturer	Nada El Said Abdallah Hassan Salem	
Teaching Assistant	Mahmoud Ahmed Nasr Kamal Abdo Mostafa	2
Teaching Assistant	SHEROUK SOBHI ABDELSALAM FOU DA	2
Teaching Assistant	Ahmed Shawky Youssef Mohamed El Dkak	
Teaching Assistant	Rana Magdi Abdelghani Elmhalawi	
Teaching Assistant	Ahmed Abdelfattah Abdelaziz Abdelfattah	
Teaching Assistant	Mohamed Essam Abd El Aziz Abd El Aal	
Teaching Assistant	Ahmed Abdelfattah Abdelaziz Abdelfattah	

Area Of Study :

- To understand and apply different laws of electricity and heat
- To be aware of the methods of Conduction through walls and solids of irregular shapes

Description :

Electricity: electric potential and equipotential surfaces, kirchhoff's laws and their applications, savart's law modern physics, radioactivity and nuclear accelerators and reactors.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Viscosity	4	Viscosity	Viscosity
Heat	4	Heat	Heat
Moment of Inertia	4	Moment of Inertia	Moment of Inertia
Moment of Inertia	4	Moment of Inertia	Moment of Inertia
Elasticity	4	Elasticity	Elasticity

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Elasticity	4	Elasticity	Elasticity
Viscosity	4	Viscosity	Viscosity
Viscosity	4	Viscosity	Viscosity
Viscosity	4	Viscosity	Viscosity
Optics	4	Optics	Optics
Optics	4	Optics	Optics
revision	4	revision	revision

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1st midterm	20.00	6	
2nd midterm	20.00	10	
Class work	20.00		
Final Written Examination	30.00		
Practical examination	10.00		