

## 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	19
Teaching Assistant	Nadia Mansour Metwally Ali Mourad	
Teaching Assistant	Bassel Yasser Mohamed Kamel	

**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
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		