

Faculty of Oral & Dental Medicine

Physics

Information :

Course Code : SGS 111

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 | 8 |
| Assistant Lecturer | Nada El Said Abdallah Hassan Salem | |
| Assistant Lecturer | Lamia Hamdy Ahmed Kamal Shehab Eldin | |
| Teaching Assistant | Mohamed Essam Abd El Aziz Abd El Aal | |

Area Of Study :

- To be aware of laws of electricity
- To be able to define temperature concepts
- To identify units and dimensions
- To be informed with variation of pressure in a fluid at rest pascal's principles
- To understand Physical concept of light

Description :

Properties of matter, heat, gravitation, fluids, surface tension, viscosity, moment of inertia and elasticity

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|----------------------|--------------|----------------------|----------------------|
| Electricity | 4 | Electricity | |
| Electricity | 4 | Electricity | |
| Electricity | 4 | Electricity | |
| Heat | 4 | Heat | |
| Heat | 4 | Heat | |
| Properties of matter | 4 | Properties of matter | |
| Gravitation | 4 | Gravitation | |
| Gravitation | 4 | Gravitation | |
| fluids | 4 | fluids | |
| fluids | 4 | fluids | |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|-----------------|--------------|-----------------|----------------------|
| Surface tension | 4 | Surface tension | |
| Surface tension | 4 | Surface tension | |

Course Assessment :

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