

Baghdad University  
 College of Dentistry  
 Department: Basic science  
 Course title. Medical physics  
 Stage: 1st



Course Coordinator: Jaafar –  
 M-Moosa  
 Academic status: Ass. Prof.  
 Qualifications: Material  
 science/Applied physics

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Force on and in body	Focal length of a concave mirror	
2		Physics of the skeleton	laser application for measurement of single slit	
3		Heat and cold in medicine	cathode ray oscilloscope	
4		Energy ,work and power of the body	Viscosity of a liquid	
5		pressure	Ohm's law	
6		Physics of lung and breathing	The focal length of a convex lens.	
7		Physics of cardiovascular system	Pendulum	
8		Physics of cardiovascular system	Semicon ductors (tunction diod	
9		Electricity within the body	Boyle's law	
10		Electricity within the body	Hook's law	
11		Electricity within the body	Velocity of the sound	
12			The focal length of a converging lens	
13			التجارب الثلاثة عشر تجرى بشكل دوري بحيث ان كل طالب سوف يقوم باجراء التجارب كاملة	
14				
15				
<b>Half-year Break</b>				
17		Biofeedback		
18		Biofeedback		
19		Biofeedback		
20		Sounds in medicine		
21		Sounds in medicine		
22		Physics of ear and hearing		
23		Light in medicine		
24		Physics of eye and vision		
25		Physics of diagnostic x- ray		
26		Physics of nuclear medicine		
27				
28				
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30				

Coordinator Signature:

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