

# General Physics 203 Lab

## References:

Experiment leaflets

Fundamentals of Physics 9E Halliday Resnick Walker

### Instructors Information

### معلومات عن أستاذة المعمل

Haifaa ALToumah  
Faculty Of Science ,Physics Department.3<sup>rd</sup> floor.  
Office 53/C

أ. هيفاء التومة  
كلية العلوم.. قسم الفيزياء.. الدور الثاني ..  
مكتب 53/C

### Course meeting place & times:

### موعد ومكان المحاضرة:

Sec.	Sun	Mon	Tue	Wed	Thru	Place
	2-5					35/B

### توزيع الدرجات

Attendance and Reports	5 marks
Final Exam	20 marks

## Every report should include the following points:

- Objectives
- Theory
- Apparatus
- Method
- Results and Conclusion
- Error

WEEK	TOPIC	DATE
1	Introduction	

## Course Timetable

2	Hooke's law and the simple harmonic oscillation	
3	Compound pendulum	
4	Standing waves in vibrating spring	
5	Velocity of sound	
6	Melting point and cooling curve of a solid material	
7	Linear expansion coefficient	
8	Specific heat capacity of water	
9	Thermal conductivity of rubber	
10	Viscosity Measurements using falling ball viscometer	
11	Revision	
12	Final Exam	

تمنياتي لكم بالتوفيق