

جامعة فلسطين التقنية - خضوري



Palestine Technical University-Kadoorie

PTU

خضوري Kadoorie



دولة فلسطين

وزارة التعليم العالي والبحث العلمي

State of Palestine

Ministry of Higher Education & Scientific Research

Academic Quality Assurance Department

Subject	Course Syllabus –G. Phys. Lab2		
Institution	Palestine-Technical University -Kadoorie		
College	Applied Science		
Department	PHYSICS		
Program	Applied physics		
Course Title	G. Physics Lab 2	Course Number:	15020106
Year	2023/2024	Semester:	S1/Fall
Prerequisite(s)	Pre. or Co-req: General Phys. 2, phys. 15020102		
Instructor	Khaled Barakat		

Course Calendar

Week	Experiment	Experiment Title	Assessment
1 st	---	Introduction	Reports
2 nd	1	Equipotential Surfaces	
3 rd	2	The Oscilloscope and AC Circuitry	
4 th	3	Ohm's Law	
5 th	4	The Potentiometer	
6 th	5	Variation of resistance with temperature	
7 th	6	Kirchhoff's law	
8 th	7	AC bridge meter	
9 th	8	Earth magnetic field	
10 th	9	Current devices	
11 th	11	RC-circuit	
12 th	12	Replacement session	
13 th	13	Replacement session	
14 th	14	Review	
15 th	Final	Cover all experiments	Exam final

Grading

Lab Reports	50 Marks	50%
Final exam	50 Marks	50%