

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Cell Biology lab
Course number	PHPT1102
Faculty	
Department	
Course type	Major Needs
Course level	1
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

1 -	Identification of microscope (parts, how to use ,how to prepare wet mount)
2 -	Identification of the cell and it's organelles
3 -	Studying all type of tissue
4 -	Identification the molecules of life
5 -	Identification of the cell transport mechanism
6 -	Studying of mitosis

Intended Learning Outcomes

Knowledge and Understanding	* the part of microscope ,the organelles of the cell,the type of tissue
General Skill	* preparation of wet mount,focusing of microscope,

Course Contents

1 -	The compound light microscope
2 -	The cell
3 -	Histology (3 laboratories)
4 -	The molecule of life (biochemistry)
5 -	The cell transport mechanism
6 -	Mitosis

Teaching and Learning Methods

1 -	explanation and discussion and experiment
-----	---

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
reports		30
quizzes		20
attendance		10
Final exam		40

Books and References

Course note	approved cell biology manual
Essential books	<ul style="list-style-type: none">• Essential Cell Biology: A Practical Approach Volume 1: Cell Structure (Practical Approach Series) 1st Edition