

Microbiology and Parasitology

II. Course Identification and General Information:						
1.	Course Title:	Microbiology and Parasitology				
2.	Course Number & Code:	03 01 823				
3.	Credit hours: 3	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		2	-	1	-	
4.	Study level/year at which this course is offered:	Second year/First semester				
5.	Pre –requisite:	-				
6.	Co –requisite :	-				
7.	Program (s) in which the course is offered	Midwifery				
8.	Language of teaching the course:	English				
9.	System of Study:	Semester system				
10	Mode of delivery:	Full time				
11	Location of teaching the course:	College of Medical Applied Sciences				

III. Course Description:

This course provides basic knowledge of life including basic processes in living organisms, cell structure and function and inheritance of living organisms.

V. Course Content:

- Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Scope of Biology	1-2	4
2	The cell : the basic unit of life	3-5	6
3	Morphology & anatomy of Flowering plants	6-7	4
4	Midterm exam	8	2
5	Animal Kingdoms	9-12	8
6	Inheritance	13-14	4
7	Final exam	15	2
Number of Weeks /and Units Per Semester		15	30

B– Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
1	The use of microscope	1	2
2	Classification of living organism	2	2
3	The Eukaryotic and prokaryotic cell	3	2
4	The type of epithelial cell	4	2
5	Gram positive and gram negative bacteria	5	2
6	Rickettsia and fungi prepared slide	6	2
7	Tests for proteins, carbohydrates, fats, lipids and starches.	7-8	4
8	Cell division mitosis and meiosis	9	2
9	Dissection of frogs and rabbits.	10	2
10	To visualize the digestive system, blood, circulation, heart, urino-genetal system, pancreas and liver	11-12	4
Number of Weeks /and Units Per Semester		12	28

VI. Teaching strategies of the course:

1. Lecture Discussion
2. Practical session
3. Explain using charts, microscopic slides

VIII. Schedule of Assessment Tasks for Students During the Semester

Theoretical part

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and activities	15th week	5	5%	a1, a2, b1
2	Student assignments	5th and 12th week	5	5%	a2
3	Mid-term exam	7th or 8th week	10	10%	a1, a2, b1
4	Final-exam	16th-17th week	40	40 %	a1, a2, b1
Total Theory Weight			60	60%	

Practical part					
Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and Attitude	14 th week	5	5%	c1
2	Semester work	1 st and 14 th week	10	10%	c1
3	Final exam (theory or oral)	15 th week	5	5%	c1
4	Final exam (practical)	16 th -17 th week	20	20%	c1
Total Practical Weight			40	40%	