

Course Specification

University: Menoufiya

Faculty: Science

Course Specifications:

Programme (s) on Which the Course is Given: Diploma of Hematology

Major or Minor Element of Programmes: Major

Department offering the Program: Zoology

Department offering the Course: Zoology

Academic Year/ Level: -----

Date of Specification Approval: 2010

A- Basic Information

Title: Blood bacterial diseases

Code: Z594

Credit Hours: 2

Lecture: 2

Tutorial:0

Practical: 0

Total: 2

B- Professional Information

1- Overall Aims of the Course: By the end of this course, the student should be able to

- * Know and Understand of blood bacterial diseases.
- * Identify different types of blood bacteria and its consequences.

2- Intended Learning Outcomes of Course (ILOs):

a- Knowledge and Understanding:

a1- Define the different types of blood bacterial diseases.

b- Intellectual Skills:

b1- Measure the student capability to distinguish the different blood bacterial-diseases.

c- Professional and Practical Skills:

c1- Demonstrate skills in identification of the blood bacterial-diseases and its consequences.

d- General and transferable Skills:

d1- Measure the scientific writing ability.

d2- Utilize the oral communication skills.

d3- Use appropriate lab equipment.

d4- Use the appropriate technology such as (Internet) for scientific research.

3- Contents

Topic	No. of Hours	Lecture	Practical
Introduction (Bacteriology)	2	1	
Bacterial cell	4	2	

Streptococci	4	2	
Enterobacteriaceae, spirochetes, rickettsia	2	1	
Bacterial endocarditis, Heart valve infections, Rheumatic fever, Brucellosis, Pasteurella, Typhus, Rocky mountain spotted fever, Plague, lyme disease,	6	2	
Diagnosis of bacterial Diseases	2	2	
Other related Blood bacterial diseases	2	1	
Revision	2	1	

4- Teaching and Learning methods

4.1-Lectures.

4.2-Oral presentation.

4.3- Research assignment.

5- Student assessment methods

5.1-Reports to assess Collection of course material.

5.2- Mid-term exam to assess Mid-term performance.

5.3-Final term exam to assess end of course performance.

Assessment schedule

Assessment1 Mid term Week

Assessment2 semester activities Week 5 and 8

Assessment3 final term practical exam Week 13

Assessment4 final term exam Week 14

Weighting of assessments

Mid-Term Examination	20 %
Final-Term Examination	40%
Oral Examination	20%
Semester Work	10%
Other Types of Assessment	10%
Total	100%

6- List of references

6.1- Essential books (text books)

*Bacteriology

6.2- Recommended books

* Text book of Bacteriology.

6.3- Periodicals, Web sites, Etc

* journal of microbiology

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7-Facilities required for teaching and learning:

* Lecture room provided with a white board.

* Dark room equipped with overhead and slide projectors, data show.

Course coordinator: Prof. Dr. Hany M Ibrahim

Head of Department: Prof. Saber Sakr

Date: 15/1/ 2013