



AMMAN - JORDAN

المستوى الذهبي

جامعة كل العرب

Faculty of Arts and Science
Course Syllabus
Semester: Summer
Academic Year: 2021/2022

Course Title: Microbiology for Nursing
Course No.: 1501150
Prerequisite: 1501140
Concurrent: -
Department: Department of Basic Science and Humanities

Name	Office Number	Office phone	Office hours	E-mail
Dr. Rula Khuzai	212	1771		khuzai@asu.edu.jo

*** Course Description:**

This course is designed to help the students to gain good broad perspective of community health nursing. The complete health appraisal learned previously is used to guide the concepts of the individuals within the family and the family within the community either in illness or wellness. All concepts of the nursing process within the family and self-care framework are applied. Analysis of roles and interactions of the community health nurse with individual, family and

Amman – Jordan – عمان – الأردن: 5609999 Tel: _ فاكس: 5232899 Fax: _

رمز النموذج: UF 28 / 2

رقم القرار 233 / 24

تاريخ الاعتماد 2017/9/18



AMMAN - JORDAN



المستوى الذهبي

جامعة كل العرب

community is to be worked upon. Related topics to the primary health care aspects and community health will be applied during the course.

*** Learning Outcomes:**

Upon completion of the course, this module should lead to the following learning outcomes:

A. Knowledge and Understanding (student should):

- A1. Define microorganisms.
- A2. Understand the role of microorganisms in Earth.
- A3. Understand the defense mechanisms of the human respiratory tract.
- A4. Understand the defense mechanisms of the human eye.
- A5. Understand the defense mechanisms of the human urinary tract.
- A6. Understand the defense mechanisms of the human reproductive system.
- A7. Understand the defense mechanisms of the human digestive system.
- A8. Understand the defense mechanisms of the human central nervous system.

B. Cognitive and Intellectual Skills:

- B1. Discuss the physical and chemical methods used to control microorganisms.
- B2. Discuss the types of microorganisms that infect the respiratory tract.
- B3. Discuss the types of microorganisms that infect the eye.
- B4. Discuss the types of microorganisms that infect the urinary tract.
- B5. Discuss the types of microorganisms that infect the reproductive system.
- B6. Discuss the types of microorganisms that infect the digestive system.
- B7. Discuss the types of microorganisms that infect the central nervous system.

Amman – Jordan – عمان – الأردن: تلفون: 5609999 _ فاكس: 5232899 _

رمز النموذج: UF 28 /2

رقم القرار 233 / 24

تاريخ الاعتماد 2017/9/18



AMMAN - JORDAN



المستوى الذهبي

جامعة كل العرب

C. Subject specific skills:

- C1. Describe types of microorganisms.
- C2. Describe the defense mechanisms of human organs.
- C3. Describe the pathogenesis, clinical feature, treatment and prevention of infectious diseases.

D. Transferable Skills:

- D1. Apply physical and chemical control mechanisms only wherever needed.
- D2. Relate concepts of microbiology to management of infectious diseases.

Course Learning Outcomes Alignment Matrix

	CLO. 1	CLO. 2	CLO. 3	CLO. 4
PLO.1:				

*** Course Contents and Schedule:**

Week	and Date Day	Topics to be covered	Method of instruction	CLOs
1	Sun. 24/7 - Wed. 28/7	<i>Basic concepts of microbiology Anatomy and growth of bacteria</i>	In-class lecture	A1, A2, C1
2	Sun. 31/7 - Thur. 4/8	<i>Anatomy and growth of bacteria Viruses Physical and chemical control</i>	In-class lecture	C1, D1, D2
3	Sun. 7/8 Thur. 11/8	<i>Upper respiratory tract infections</i>	In-class lecture	A3, B2, C2, C3, D2

Amman – Jordan : عمان – الأردن: تلفون: 5609999 _ فاكس: 5232899 _

UF 28 /2 : رمز النموذج:

رقم القرار 233 / 24

تاريخ الاعتماد 2017/9/18



AMMAN - JORDAN

المستوى الذهبي

جامعة كل العرب

4	Sun. 14/8 Thur. 18/8	<i>Lower respiratory tract infections</i> <i>Infection of the eye</i>	In-class lecture	A3, A4, B2, B3, C2, C3, D2
5	Sun. 21/8 Thur. 25/8	<i>Urinary tract infections</i>	Assignment	A5, B4, C2, C3, D2
6	Sun. 28/8 Thur. 1/9	<i>Sexually transmitted diseases</i>	Assignment	A6, B5, C2, C3, D2
8	Sun. 11/9 Thur. 15/9	<i>Central nervous infections</i>	Assignment	A7, B6, C2, C3, D2

*** Teaching Methods:**

- Interactive lectures
- Group discussions
- Self reading

*** Evaluation:**

Midterm exam	30	
Assignment	30	
Final Exam	40	

*** Textbooks:**

Fundamentals of Microbiology, Edward Alcamo, Benjamin/Cummings, 1994
Medical Microbiology, Mims et al., Mosby, 1993

Amman – Jordan : عمان – الأردن _ Fax: 5232899 _ فاكس: 5232899 _ Tel: 5609999: تلفون

UF 28 /2: رمز النموذج

رقم القرار 24 / 233

تاريخ الاعتماد 2017/9/18



AMMAN - JORDAN



المستوى الذهبي

جامعة كل العرب

Subject Coordinator :Dr. Rula Khuzaie

Signature:

Head of Curriculum Committee: Dr. Husam Miqdad

Signature:

Department Head: Dr. Husam Miqdad

Signature:

Dean Faculty: Dr. Hadeel Ailsaed

Signature:

Copy to:

- Department Head.
- Head of Curriculum Committee.
- Course File.

Amman – Jordan – عمان – الأردن: 5609999 Tel: _ فاكس: 5232899 Fax: _ عمان – الأردن

UF 28 /2: رمز النموذج:

رقم القرار 24 / 233

تاريخ الاعتماد 2017/9/18