

كلية : الأميرة سلمى بنت عبد الله للتمريض .
 قسم : تمريض صحة البالغين

توصيف مساق فسيولوجيا الأمراض ((Pathophysiology).

1. معلومات مدرس المساق (Instructor)

Dr. Ahmad Salem Musa, PhD, RN (Course Coordinator)	اسم (مدرس / منسق) المساق :
10-11 صباحا يومي الاثنين, الأربعاء	الساعات المكتبي ة :
0778081490 / فرعي مكتب : 2861	رقم المكتب والرقم الفرعي :
mahasees@aabu.edu.jo	البريد الالكتروني :
	مساعد البحث والتدريس/المشرف/الفني (إن وجد):

2. وصف المساق ((Course Description)

This course will cover content that provides a current understanding of the major disease processes across the lifespan. This course is designed to introduce the student to pathophysiologic concepts related to altered biological processes affecting individuals across the lifespan. The first part of the course emphasizes the basic concepts of pathophysiology: cellular level of responses, alteration in hemostasis, inflammatory responses, and immune responses. The second part of the course focuses on the application of the basic concepts to body systems and disease processes. The course builds on previous principles from anatomy, physiology, and chemistry

3. بيانات المساق (Course Title)

المستوى: السنة الثانية	اسم المساق: Pathophysiology	رقم المساق: 1001202
وقت المحاضرة: 11:00 - 12:30 ثن/رب 9:30 - 8:00	المتطلب السابق / المتزامن : فسيولوجي (1001100)	طبيعة المساق: نظري/عملي
عدد الساعات الدراسية: 3 ساعات معتمدة	الفصل الدراسي: الثاني	العام الجامعي: 2019-/ 2020

4. أهداف المساق (Course Objectives)

• Outline adaptive and maladaptive body responses to stressors of adult acute and chronic health alterations that affect the various body systems or organs.	أ-
• Define the components of the disease process: etiology, pathophysiology, clinical manifestations, treatment, and prevention.	ب-
Describe the pathophysiological mechanisms of diseases commonly encountered in nursing practice in different system.	ج-
Explain how pathophysiological mechanisms produce signs and symptoms of selected adult health problems.	د-
Summarize how each organ system participate in the total regularity and homeostatic mechanism of the body in the selected health problems.	
Interpret treatment modalities and preventive strategies based on the associated pathophysiological changes in the selected health problems..	

5. مخرجات التعلم (Intended Student Learning Outcomes) (المعرفة والمهارات والكفايات)

يفترض بالطالب بعد دراسته لهذا المساق أن يكون قادراً على:

Knowledge

1. Recall normal structures and functions of various human body systems or organs..
2. Define the components of the disease process: etiology, pathophysiology, clinical manifestations, treatment, and
3. Describe the pathophysiological mechanisms of diseases commonly encountered in nursing practice in different system.
4. Outline adaptive and maladaptive body responses to stressors of adult acute and chronic health alterations that affect the various body systems or organs.

Cognitive Skills

5. Differentiate between pathophysiological mechanisms and manifestations of acute and chronic common diseases.
6. Explain how pathophysiological mechanisms produce signs and symptoms of selected adult health problems
7. Interpret treatment modalities and preventive strategies based on the associated pathophysiological changes in the selected health problems.
8. Summarize how each organ system participate in the total regularity and homeostatic mechanism of the body in the selected health problems.
9. Interpersonal Skills & Responsibility
10. Illustrate effective and academic relationship with other students and lecturers.
11. Show an appropriate acceptance to lecturer's directions, corrections and evaluation

Psychomotor: Non

6. محتوى المساق (Course Content)

الموضوع	الأسبوع
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Orientation and introduction to the course syllabus	الأول (3/2)
Cellular Adaptation, Injury, and Death and wound healing	الثاني (10/2)
Alteration in haemostasis	الثالث (17/2)
Infection and inflammation	الرابع (24/2)
Immune responses	الخامس (2/3)
Cardiovascular Function	السادس (9/3)
الامتحان الأول	
Cardiovascular Function	السابع (16/3)
Respiratory Function	الثامن (23/3)
Respiratory Function	التاسع (30/3)
Renal Function	العاشر (6/4)
Renal Function	الحادي عشر (13/4)
Gastrointestinal Function	الثاني عشر (20/4)
الامتحان الثاني	
Neural Function	الثالث عشر (27/4)
	الرابع عشر (4/5)
الامتحان النهائي: 9/ 5 2020 /Final Exams	

**7. استراتيجيات التعليم والتعلم وطرق التقويم
Teaching and learning Strategies and Evaluation)
(Methods**

نوع التقويم/القياس (امتحان/عروض صفية/ مناقشة/واجبات)	أنشطة التعلم	استراتيجيات التدريس	مخرجات التعلم	ت
Exam (MCQ; T&F) questions; Quizzes		Lectures	Recall normal structures and functions of various human body systems or organs..	1
Exam (MCQ; T&F) questions; Quizzes		Lectures	Define the components of the disease process: etiology, pathophysiology, clinical manifestations, treatment, and	2
Exam (MCQ; T&F) questions; Quizzes		Lectures	Describe the pathophysiological mechanisms of diseases commonly encountered in nursing practice in different system.	3
Exam (MCQ; T&F) questions; Quizzes		Lectures	Outline adaptive and maladaptive body responses to stressors of adult acute and chronic health alterations that affect the various body systems or organs.	4
Exam (MCQ; T&F) questions; Quizzes		Lecture, discussion	Differentiate between pathophysiological mechanisms and manifestations of acute and .chronic common diseases	5
Exam (MCQ; T&F) questions; Quizzes		Lecture, discussion	Explain how pathophysiological mechanisms produce signs and symptoms of selected adult .health problems	6
Exam (MCQ; T&F) questions; Quizzes		Lecture, discussion	Interpret treatment modalities and preventive strategies based on the associated pathophysiological changes in the selected .health problems	7
Exam (MCQ; T&F) questions; Quizzes		Lecture, discussion	Summarize how each organ system participate in the total regularity and homeostatic mechanism of the body in the selected health .problems	8
Participation		Group discussion	Illustrate effective and academic relationship with other students and lecturers.	9
Participation		Group discussion	Show an appropriate acceptance to lecturer's directions, corrections and evaluation	10

8. تقييم الطلبة (Assessment)

توزيع الدرجات لكل أسلوب	توقيت التقييم	الأساليب المستخدمة
10	خلال الفصل	1-أعمال الفصل: (تقرير، وظائف، حضور)

20	الأسبوع الخامس	2-امتحان تحريري أول
20	الحادي عشر	2-امتحان تحريري ثاني
50	أسبوع الامتحانات النهائية	3-امتحان تحريري نهائي

9. الكتاب المقرر (Text Book)

Essentials of Pathophysiology: Concepts of Altered Health States	المرجع الرئيس
Porth, C.M.	المؤلف
Lippincott Williams & Wilkins.	الناشر
2015	السنة
(4th ed)	الطبعة
	الموقع الالكتروني للمرجع

10. المراجع الإضافية (References) وتشمل الكتب والبحوث المنشورة في الدوريات او المواقع الالكترونية

Grossman, S.C. & Porth, C.M. (2014). Porth's Pathophysiology: Concepts of Altered Health States (9th ed.). Lippincott Williams & Wilkins.	-1
McCance, K. L., & Huether, S. E. (2010). Pathophysiology: The biologic basis for disease in adults and children (6th ed.). St. Louis: Mosby.	-2
	-3