Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Optometry Department

OPT.321 Ocular Disease(1) - JNQF Level: 7
First Semester 2023-2024

Course Catalog
3 Credit Hours. This comprehensive course offers an in-depth exploration into various ocular diseases of the anterior segment with focus on dry eye and corneal and adnexa disease, their causes, symptoms, diagnostic methods, and treatment modalities. Designed for optometry, this course provides essential knowledge and practical skills necessary for effectively diagnosing and managing ocular conditions in the fourth year training and in future career.
Teaching Method: Blended

Text Book	
Title	Clinical Ophthalmology: A systematic approach
Author(s)	Jack J.Kanski
Edition	7th Edition
Short Name	1.
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2.	Lectures notes on Ophthalmology	Bruce James	9th Edition	
3	ABC of Eyes	Khaw, P, Shah P& Elkington, A	4th Edition	

Instructor	
Name	**Prof. May Bakkar**
Office Location	FAMS -LEVEL 0

Office Hours	Sun : 10:30 - 11:30 Sun : 11:30 - 12:30 Sun : 12:30 - 13:30 Mon : 10:00 - 11:00 Wed : 08:30 - 09:30 Thu : 08:30 - 09:30
Email	mmbakkar@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 08:30 - 10:00 Room: N4205

Prerequisites		
Line Number	**Course Name**	**Prerequisite Type**
102121	MED212 Pathology	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	**Topic**	**References**
Week 1	Introduction	From **2.**, From **3**
Week 2	Eye lids and orbital disorders	From **2.**, From **3**
Week 3	Eye lids and orbital disorders	From **2.**, From **3**
Week 4	Conjunctiva disease	From **2.**, From **3**
Week 5	Scleral disease	From **2.**, From **3**
Weeks 6, 7	lacrimal disorders: watery eye and Dry eye disease	From **1.**, From **2.**, From **3**
Week 8	Corneal diseases and corneal surgeries and introduction to laser and refractive surgeries (1)	From **1.**, From **2.**
Week 9	Corneal diseases and corneal surgeries and introduction to laser and refractive surgeries (2)	From **1.**, From **2.**, From **3**
Week 10	Uveitis	From **2.**, From **3**
Week 11	Lens disorders 1	From **2.**, From **3**

Week 12	Lens disorders 2	From **1.**, From **2.**, From **3**

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Students will develop critical thinking and problem-solving skills through case-based learning, actively applying knowledge of ocular anatomy, pathology, and therapeutic interventions to analyze complex clinical scenarios and develop evidence-based management plans. [1PLO 4, 1PLO 6] [1L7S1, 1L7S2, 1L7C2, 1L7C4]	20%	Final Exam
Students will gain knowledge of the etiology, clinical presentation, and management strategies for common anterior segment ocular diseases. [1PLO 3] [1L7K1]	20%	First exam, Second Exam, Final Exam
Students will understand the importance of interdisciplinary collaboration in the management of ocular diseases and develop effective communication skills to collaborate with ophthalmologists, primary care physicians, and other healthcare professionals. [1PLO 2, 1PLO 7, 1PLO 8] [1L7C1, 1L7C3]	20%	Final Exam
Students will demonstrate a thorough comprehension of ocular anatomy, including structures of the anterior segment, and how deviations from normal physiology contribute to the development of ocular diseases. [1PLO 3, 1PLO 6] [1L7K1]	20%	First exam, Second Exam, Final Exam
Students will learn patient-centered approaches to counseling, education, and management of ocular diseases, promoting optimal patient outcomes and quality of life. [1PLO 5, 1PLO 8] [1L7S3, 1L7C1, 1L7C4]	20%	First exam, Second Exam, Final Exam

Relationship to Program Student Outcomes (Out of 100%)								
PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
	6.67	30	10	10	20	6.67	16.67	

Relationship to NQF Outcomes (Out of 100%)							
L7K1	L7S1	L7S2	L7S3	L7C1	L7C2	L7C3	L7C4
40	5	5	6.67	16.67	5	10	11.67

Evaluation	
Assessment Tool	**Weight**
First exam	25%
Second Exam	25%
Final Exam	50%

Policy	
Attendance	Attendance policy: - Makeup exams should not be given unless there is a valid excuse. - Arrangements to take an exam at a time different than the one scheduled must be made prior to the scheduled exam time. Expected workload: - Students are expected to be a good participant during the course lectures' - Students are expected to think critically about the knowledge that they will get during the course. - Students should set for all the specified examinations. - Average work load student should expect to spend 6 hours/week.
Feedback	- All feedback, comments, opinions, concerns, requests, enquires or questions are welcomed & should be discussed in the first place with the course coordinator; either by email or in-person during the determined office hours and upon previous coordination with the course coordinator. - If the course instructor hasn't been cooperative regarding a specific issue, students can follow the hierarchy starting with the head of the department, followed by the dean & finally the president office. - Exams results, feedback as well as key answers will be reported & discussed after one week of the examinations date. - Questions regarding lectures' contents can either be discussed during the lecture and during the office hours.
Cheating	The commitment of the acts of cheating and deceit such as copying during examination, altering examination for re-grade, plagiarism of homework's assignment, and in any way representing the work of others as your own is dishonest and will not be tolerated. Standard JUST policy will applied. المادة7:إذا ضبط الطالب أثناء الامتحان أو الاختبار متلبساً بالغش فتوقع عليه العقوبات التالية مجتمعه: 1. اعتباره راسبا في ذلك الامتحان أو الاختبار 2. إلغاء تسجيله في بقية المساقات فصله من الجامعة لمدة فصل دراسي واحد و هو الفصل التالي للفصل الذي ضبط فيه

Date Printed: 2024-02-17