



**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences**  
**Department of Allied Medical Sciences**  
**Optometry**  
**Course Syllabus**

<b>Course Information</b>	
<b>Course Title</b>	Ocular Disease 2
<b>Course Code</b>	Op 326
<b>Prerequisites</b>	Op 321
<b>Course Website</b>	

<b>Course Description, Aims and Objectives</b>
This course is a continuation of the course ocular diseases 1. This course will introduce the student to the diseases of the posterior segment of the eye. The lectures will include the disease pathophysiology, diagnostic techniques, and management for different diseases.

<b>Textbook/s</b>	
<b>Title</b>	Clinical Ophthalmology: A Systematic Approach
<b>Author(s)</b>	Kanski, J., Brad, B.
<b>Publisher</b>	Elsivier
<b>Year</b>	2016
<b>Edition</b>	8 <sup>th</sup> edition
<b>Book Website</b>	

<b>Useful Resources</b>

Assessment		
Assessment	Expected Due Date	Percentage
First Exam	Week 4	30%
Midterm/second Exam	Week 8	30%
Final Exam	End of the semester	40%
<b>TOTAL</b>		100%
Teaching and Learning Methods		
<ul style="list-style-type: none"> <li>• PowerPoint lectures-records</li> <li>• Class discussion-zoom meetings</li> <li>• Participation</li> </ul> <p><b>Teaching duration:</b></p> <ul style="list-style-type: none"> <li>• Duration: 14 weeks</li> <li>• 40 lectures, one hour each</li> </ul>		

### Learning Objectives:

After studying the material covered in lectures, practical sessions, clinical seminars and case presentations of this course, the student is expected to achieve the following learning objectives:

Learning objectives	Weight
1. Study major diseases that affect the posterior segment of the eye.	25%
2. Learn about the important systemic diseases and their manifestation in the eye.	25%
3. Understanding of some additional tests in the diagnosis of the ophthalmic diseases..	25%
4. Understanding the general guidelines in the management of ophthalmic	25%

### Learning outcomes:

After studying the material covered in lectures, practical sessions, clinical seminars and case presentations of this course, the student is expected to achieve the following learning outcomes:

	Learning outcome	References
1.	Understand the pathophysiology of ocular diseases which affect the posterior structures of the eye	Handouts & textbook
2.	Relate the pathophysiology with the signs and symptoms of the disease	Handouts & textbook
3.	Learn the differential diagnosis for ocular diseases based on symptoms and signs at patient presentation	Handouts & textbook
4.	Learn the management protocol for each disease.	Handouts & textbook

### Lectures/topics:

Dates Or Weeks	Lecture Topic	Specific learning objectives	References
1	- Glaucoma	1,2,3,4	Handouts & textbook
2	Changes of the retina & choroid (Fundus spots)	1,2,3,4	Handouts & textbook

3	Hypertensive retinopathy	1,2,3,4	Handouts & textbook
4	Diabetic retinopathy	1,2,3,4	Handouts & textbook
5	Retinal vein occlusion	1,2,3,4	Handouts & textbook
6	<b>First exam</b>	1,2,3,4	Handouts & textbook
7	Acquired retinal degeneration	1,2,3,4	Handouts & textbook
8	Inherited retinal degeneration	1,2,3,4	Handouts & textbook
9	Peripheral retina and vitreous diseases	1,2,3,4	Handouts & textbook
10	<b>Second exam</b>	1,2,3,4	Handouts & textbook
11	Intraocular tumors I	1,2,3,4	Handouts & textbook
12	The eye and the nervous system	1,2,3,4	Handouts & textbook
13	Systemic diseases and the eye I		Handouts & textbook

<b>Additional Notes</b>	
<b>Statement on Professionalism</b>	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Examples of unprofessional behavior include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, and sleeping during class.
<b>Cheating</b>	University regulations will be applied on cases of cheating and/or plagiarism
<b>Cell phone:</b>	The use of cellular phone is prohibited in class rooms and during exams. The cellular phone must be switched off in class rooms and during exams.
<b>Attendance</b>	No points will be count for points attendance of this class, however attending the lectures will greatly enhance your grade. The student is responsible for any information discussed in lecture sessions. It is imperative to attend all classes!
<b>Absences:</b>	University regulations will be applied. Students are not allowed to be absent for more than 20% of lectures for any reason or excuse. If a student exceeds the absence limit, he or she will not be allowed to sit for future course exams. (Please review university regulation for more details)
<b>Make-up Exam</b>	Make-up exams is entitled for students who miss the exam with accepted legal or medical excuse endorsed by the instructor within 24 hours after the scheduled exam (Please review university regulation for more details)
<b>Feedback</b>	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor using the e-mail or during office hours

Kindest Regards