



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

OPT.361 Optometric Examination(2)

First Semester 2023-2024

Course Catalog

2 Credit Hours. The course will outline and discuss the main clinical techniques for the primary examination of the optical status and ocular health of the eye. Examination includes taking patient history, visual acuity, determining the refractive state of the eye, binocular vision assessment and diagnosis of binocular anomalies and management. Bulk of the course will focus on objective and subjective refraction in conjunction with the practical course,

Text Book

Title	Borish's Clinical refraction
Author(s)	Schwartz, S
Edition	2nd Edition
Short Name	1
Other Information	

Instructor

Name	Mrs. Hala Abu Zahou
Office Location	-
Office Hours	Sun : 08:30 - 10:30 Sun : 14:30 - 15:30 Tue : 14:30 - 15:30 Wed : 09:30 - 11:30 Thu : 10:00 - 14:00
Email	hrabuzahou5@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Mon, Wed : 11:30 - 12:30

Room: N4205

Prerequisites

Line Number	Course Name	Prerequisite Type
1102640	OPT.264 Optometric Examination(1) Lab	Prerequisite / Study

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Case history, visual acuity and Overview of refractive errors	From 1
Week 2	basic ocular inspection including pupil testing.	From 1
Week 3	Objective refraction 1 (assessment and cases)	From 1
Week 4	Objective refraction 2 (assessment and cases)	From 1
Week 5	Subjective refraction 1: assessment methods and cases	From 1
Week 6	Subjective refraction 2 : assessment methods and cases	From 1
Week 8	Management plan	From 1
Week 9	Binocular vision assessment and consideration of refractive errors	From 1
Week 10	Anisometropia: Assessment and management	From 1
Week 11	Presbyopia and near vision assessment	From 1
Week 11	Color vision testing. glare evaluation	From 1
Week 12	Contrast sensitivity testing	From 1
Week 13	Basic ocular health assessment (slit lamp, visual field, fundus exam)	From 1
Week 14	Infection control in optometry practice	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
The students should be able to apply objective and different subjective refraction techniques.	33%	
The students will be able to identify commonly used methods and/or tests for visual functions including visual acuity measurements, contrast sensitivity.	33%	

The students should be able to identify different methods used to evaluate binocular single vision and different methods of management using optical correction	34%	
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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

Evaluation	
Assessment Tool	Weight
First Exam	30%
Second Exam	30%
Final Exam	40%

Policy	
COURSE POLICY	<p>Attendance policy: JUST policy requires the faculty member to assign 35% if a student misses 10% of the classes without excuses. When you are absent, it is your responsibility to find out about any announcements or assignments you may have missed. The last day to drop the course is before the 12th week of the current semester. The format of the exams is generally MCQ and essay questions. Cheating will not be tolerated; standard JUST policy will be applied.</p> <p>Expected workload: Students are expected to make every effort to ensure satisfactory learning of the material given.</p> <p>Feedback: Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming, then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lecture, notes on the content of the course, and its teaching and assessment methods can be also sent by e-mail</p>

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