



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

OPT.491 Clinical Training(1)
First Semester 2023-2024

Course Catalog
<p>4 Credit Hours. In this course students are assigned to various areas within the clinic under direct clinical supervision of faculty members and teaching assistants. Students participate in examining outpatients who referred to the ophthalmology clinics in Princess Basma Hospital. Students are mainly exposed to refraction, refractive correction, binocular anomalies, and ocular assessment. The course is solely based in previous knowledge obtained by students in previous preclinical courses.</p>
Teaching Method: On Campus

Text Book	
Title	Clinical Procedures for ocular examination
Author(s)	Nancy Carlson & Daniel Kurts
Edition	2nd Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Clinical Procedures in Primary Eye Care	Elliott.	2nd Edition	

Instructor	
Name	Dr. Mera Haddad
Office Location	-
Office Hours	
Email	mfhaddad@just.edu.jo

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

Instructor	
Name	Dr. Areej Okashah
Office Location	AMS-L1
Office Hours	
Email	aaokashah@just.edu.jo

Class Schedule & Room
<p>Section 1: Lecture Time: Sun : 08:30 - 16:30 Room: HOSPITAL</p> <p>Section 2: Lecture Time: Tue : 08:30 - 16:30 Room: HOSPITAL</p> <p>Section 3: Lecture Time: Thu : 08:30 - 16:30 Room: HOSPITAL</p>

Prerequisites		
Line Number	Course Name	Prerequisite Type
1103260	OPT.326 Ocular Disease(2)	Prerequisite / Study
1103682	OPT.368 Optometric Examination3) Lab	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
	Course and clinics induction, safety instructions, training plan	From 1, From 2
	Patient history and visual acuity testing for different age groups	From 1, From 2
Week 3	Objective refraction (static, dry, cyclo), sph-sph and sph-cyl neutralization, converting the optical cross into Rx	From 1, From 2

Week 4	Subjective refraction (distance and near) for different age groups	From 1
Week 5	Lensometry	
Week 6	Binocular vision assessment/ tests (according to the list in the daily assessment form)	From 1, From 2
Week 7	Pupillary assessment	From 2
Week 8	Keratometry	From 1
Week 9	Optical prescribing for different age groups (as per AAO)	
Week 10	Other topics suggested by TAs based on students skills	From 1, From 2

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
To apply skills such as ophthalmic history taking and patients' communication in various clinical situations	20%	
To be able to apply proper approach of refractive error assessments and management.	20%	
To be able to assess and manage different cases with binocular anomalies	20%	
To be able to practice various ophthalmic diagnostic techniques such as slit lamp biomicroscopy, direct and indirect ophthalmoscopy, tonometry, perimetry, and A and B scan biometry.	20%	
To be able to set different management options for cases with visual dysfunctions	20%	

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
Daily evaluation	40%
Diagnostic ophthalmic tests/ techniques	10%
Final exam	50%

Policy

Attendance	<p>Students are expected to attend all the course lectures'.</p> <ul style="list-style-type: none"> - Unexcused absences of more than 10% of the required attendance will deserve a fail in this course. - In a case of excused absence e.g. illness or emergency, students should contact the course coordinator immediately. And a formal written excuse from the physician should be submitted by the student in a case of illness, otherwise the absence will be considered unexcused. - In case of absence on the date of exam(s), students will not be allowed to set for a makeup exam unless they have got an approval from the deanship of AMS for this regard
Expected workload	<ul style="list-style-type: none"> - 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, as well as quizzes - Students are obligated to do all assignments & homework
Feedback	<ul style="list-style-type: none"> - 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. - 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. Until their problem(s) is solved. - 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 (preferably) or during the office hours

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