



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

OPT.366 Optometric Examination(3)

Second Semester 2022-2023

Course Catalog

2 Credit Hours. The students will learn to understand normal vision development and visual development for special populations. Also, the students have to describe the relation between vision and learning. Then the students will learn to understand the assessment methods for visual efficiency and visual information processing, and the treatment methods.

Text Book

Title	Optometric management of learning related vision problems,
Author(s)	Mitchell M. Scheiman , Micheal W. Rouse
Edition	2nd Edition
Short Name	Ref #1
Other Information	

Instructor

Name	Mrs. Hala Abu Zahou
Office Location	-
Office Hours	Sun : 11:30 - 13:30 Tue : 11:30 - 14:30 Wed : 11:30 - 13:30 Thu : 08:30 - 12:30 Thu : 14:30 - 15:30
Email	hrabuzahou5@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Sun : 15:30 - 16:30

Room: LAB

Section 2:

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

Room: N4205

Prerequisites

Line Number	Course Name	Prerequisite Type
1103630	OPT.363 Optometry Theory Examination(2) Lab	Prerequisite / Study

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Convergence, Motor Fusion and Accommodation	
Week 2	Convergence Insufficiency and Treatment	
Week 3	Vision Therapy of Accommodative Abnormalities	
Week 4	AC/A Ratios	
Week 5	Symptomatic Heterophoria and Vision Therapy	
Week 6	Overview of vision efficiency Visual Information Processing Development	
Week 7	Normal vision development and special populations	
Week 7	Visual attention and learning	
Week 8	Assessment of visual information processing problems	
Week 9	Visual information processing problems	
Week 9	Treatment of visual information processing	
Week 10	Vision therapy for non-strabismic binocular vision disorders	
Week 11	Vision therapy for strabismic cases	
Week 12	Vision therapy for amblyopic cases	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Understanding basic information regarding accommodation, Convergence, and Motor Fusion.	7%	

Understanding basic information regarding vision therapy for Convergence Insufficiency, Accommodative Anomalies, and Symptomatic Heterophoria.	15%	
Understanding all information regarding Relation vision between vision and learning	15%	
Understanding all information regarding Assessment : case history, visual efficiency problem	15%	
Understanding all information regarding Treatment: visual efficiency problem	15%	
Understanding all information regarding Assessment of Visual information processing	14%	
Understanding all information regarding Treatment: Visual information processing	19%	

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

Policy	
Statement on Professionalism	Professional behaviour is expected from students all the time. Attitude and professional behaviour is a minimum criterion for passing this class. Examples of unprofessional behaviour include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lectures, leaving a lecture before its completion without prior authorization of the instructor, working on other class material during class, and sleeping during class.
Cheating	University regulations will be applied to cases of cheating and/or plagiarism
Cell phone:	The use of cellular phones is prohibited in classrooms and during exams. The cellular phone must be switched off in classrooms and during exams.
Attendance	No points will be counted for points attendance in 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!
Absences:	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 regulations for more details)
Make-up Exam	Make-up exams are 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 regulations for more details)

Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important to the instructor. You can contact your instructor using the e-mail or during office hours
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