



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

OPT.456 Contact Lenses(2) - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

2 Credit Hours. This course is a continuation for a former course in contact lenses OP 455. In contact lenses 2 it is aimed to further introduce the students to the field of contact lenses. Students will learn advanced principles of fitting and evaluation of different types of contact lenses including rigid and scleral contact lenses. Keratoconus and other corneal irregularities are also discussed with their management options. The course also discuss myopia control with focus orthokeratology. Generally, students will go through advanced topics in contact lenses. Moreover this course focuses on the detection and management of chronic and acute complications induced by rigid and scleral contact lens wear with focus in dry eye disease. The course will solely based on courses provided by the International Association of Contact Lens Educators (IACLE). Any modification will be considered and hint for

Teaching Method: On Campus

Text Book

Title	Contact lens practice
Author(s)	Nathan Efron
Edition	2nd Edition
Short Name	Book
Other Information	2010

Course References

Short name	Book name	Author(s)	Edition	Other Information
online resources	IACLE	IACLE	2nd Edition	www.iacle.org

Instructor

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

Class Schedule & Room	
Section 1:	Lecture Time: Sun, Tue : 12:30 - 13:30 Room: N4205
Section 2:	Lecture Time: Tue, Thu : 15:30 - 16:30 Room: LAB

Prerequisites		
Line Number	Course Name	Prerequisite Type
1104570	OPT.457 Contact Lenses(1) Lab	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction and review of contact lenses (1) course: Spherical soft contact lens fitting and toric contact lens fitting	From Book
Week 2	Spherical Rigid Gas Permeable Contact Lenses fitting Design and procedure, Effects of RGP Parameter Changes on Lens Fitting	Contact lens practice From Book
Week 3	Spherical Rigid Gas Permeable Contact Lenses fitting Design and procedure, Effects of RGP Parameter Changes on Lens Fitting	From Book
Week 4	Contact Lenses for Keratoconus and other corneal irregularities	From Book
Week 5	Fitting Scleral and semi-scleral Contact Lenses 1	From Book
Week 6	Fitting Scleral and semi-scleral Contact Lenses 2	From Book
Week 7	Presbyopic contact lenses	From Book
Week 8	Pediatric contact lenses	From Book
Week 9	Myopia Control and Orthokeratology 1	From Book
Week 10	Myopia Control and Orthokeratology 2	From Book
Week 11	Contact Lens Care and Maintenance and Conducting the After-Care Visit	From Book
Week 12	RGP/ortho K and scleral CL Complications and Their Management	From Book

Week 13	Dry Eye and Contact Lenses	From Book
Week 14	Contact lenses and sport	From Book , From online resources

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Students will demonstrate the ability to accurately fit contact lenses based on patient assessment, including corneal curvature, ocular health, and visual needs, and evaluate lens performance through objective measurements and subjective feedback. [20PLO 1] [10L7S1, 10L7S2]	25%	
Students will develop a comprehensive understanding of different rigid contact lens materials, designs, and modalities available in the market, including, advantages, and limitations. [20PLO 1] [5L7K1, 5L7S2, 10L7S3]	20%	
Students will acquire knowledge of myopia control with focus on orthokeratology [10PLO 1, 10PLO 5] [10L7K1, 5L7S1, 5L7S2]	20%	
Students will develop competence in contact lens management, including lens after care and hygiene practices, patient education on lens insertion, removal, and maintenance techniques, and troubleshooting common contact lens-related issues to ensure optimal lens wear and ocular health for patients. [5PLO 1, 10PLO 2, 5PLO 4] [10L7C2, 10L7C4]	20%	
Students will gain awareness of legal and ethical considerations in contact lens practice, including regulations governing contact lens prescribing and dispensing, informed consent procedures, and professional responsibilities regarding patient safety, confidentiality, and ethical conduct in the provision of contact lens care [10PLO 7, 5PLO 8] [10L7C2, 5L7C3]	15%	

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
60	10		5	10		10	5	

Relationship to NQF Outcomes (Out of 100%)						
L7K1	L7S1	L7S2	L7S3	L7C2	L7C3	L7C4
15	17.5	22.5	10	20	5	10

Evaluation	
Assessment Tool	Weight
First exam	30%
second exam	30%
final exam	40%

Policy	
Statement on Professionalism	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
Cheating	University regulations will be applied on cases of cheating and/or plagiarism
Cell phone	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.
Attendance	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!
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 regulation for more details)
Make-up exams	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)
Feedback	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

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