

**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences / Department of Allied Medical Sciences**  
**First Semester / Course Syllabus 2013/2014**  
**Princess Basma Hospital**

<b>Course Information</b>	
<b>Course Title</b>	<b>Optometry Clinics /1</b>
<b>Course Code</b>	OP 447
<b>Prerequisites</b>	OPT 364
<b>Course Coordinator</b>	Izdihar Salman
<b>Lecturer</b>	Dr Mera Haddad, Dr Mai Bakkar, Dana Koff, Senior Suha Abu Saif, Ophthalmologists
<b>E-mail</b>	Just.optometry@hotmail.com
<b>Course Description</b>	
<p>Concerned with the development of clinical skills by direct interaction with patients in the optometry clinics and hospitals. These skills include diagnosis, assessment and management of refractive error, binocular imbalance, Pupil reaction anomaly, tear film assessment and some common eye diseases also learning the use of direct ophthalmoscope, Slit lamp and Tonometer .</p> <p>This course applies the theoretical and clinical skills acquired in previous years</p> <p>PS: Optometry clinics are currently based in Princess Basma's hospital/lrbid..</p>	

<b>Textbook 1</b>	
<b>Title</b>	Clinical Procedures for ocular examination
<b>Author(s)</b>	Nancy Carlson & Daniel Kurts.
<b>Publisher</b>	McGraw-Hill Medical
<b>Year</b>	2005
<b>Edition</b>	2nd edition

<b>Textbook 2</b>	
<b>Title</b>	Title The Eye Exam, Complete Guide
<b>Author(s)</b>	Author(s) Gary S. Schwartz
<b>Publisher</b>	SLACK Incorporated
<b>Year</b>	2006
<b>Edition</b>	1st edition

<b>Textbook 3</b>	
<b>Title</b>	Clinical Procedures in Primary Eye Care
<b>Author(s)</b>	Elliott.
<b>Publisher</b>	Butterworth-Heinemann
<b>Year</b>	2003
<b>Edition</b>	2nd edition

<b>Useful Resources</b>
<a href="http://www.visiontherapistories.org/">http://www.visiontherapistories.org/</a> <a href="http://www.eyetec.net/index.htm">http://www.eyetec.net/index.htm</a> <a href="http://www.aoa.org/x4639.xml">http://www.aoa.org/x4639.xml</a>

Assessment			
Assessment	Expected Due Date	Percentage	Total
Mid Term Practical Exam		20 %	First
Direct Ophthalmoscope and Slit lamp		10%	
Clinical Daily assessment and Log book		20%	Second
Written Exam		10%	
Tonometry		5%	Final
Final Practical Exam		35%	

Course Objectives	Percentage
Understanding basic information regarding Case History and assessment sheet form fill up (2)	9.5%
Understanding basic information regarding Refractive error assessments and management. (2)	9.5%
Understanding all information regarding binocular vision assessment and review of some cases. (5)	23.81%
Understanding basic information regarding pupil reaction assessment and anomalies (2)	9.5%
Understanding all information regarding using Slit lamp, Direct ophthalmoscope and Tonometer. (6)	28.57%
Understanding all information regarding Tear film assessment (2)	9.5%
Understanding all information regarding most common pathological eye diseases seen in optometry clinics. (2)	9.5%

Teaching & Learning Methods
<p>The clinical practice will supported by real patients' examination. The lectures will be supported by direct implementation of the tests in the clinic. The students will receive the text of the presentation in a handout by e-learning. In addition, students are expected to take their own notes</p> <p><b>Teaching duration:</b></p> <ul style="list-style-type: none"> <li>• Duration: 13 weeks</li> <li>• Practical: 13 weeks, each 8 hours, include 2 hours lectures and discussion.</li> </ul>

Clinical Requirements / Optometrists	
Topics	Week
Introduction: Clinic Rules, Syllabus Discussion , clinic assessment and examination, Patients form	
Case History	
Refractive error assessment: Objectives (Lensometry & Keratometry) and Subjective	
Mid practical Exam	
Cover uncover test (procedure, Cases examples) with Hirschberg test	
Howell Cards, NPC, Maddox rod, Worth 4 Dot, Stereopsis	
Accommodation assessment , Version Assessment	
Final Practical	

Clinical Requirements / Ophthalmologist	
Topics	Week
Direct ophthalmoscope	
Slit lamp (include lid eversion, eye anterior segment assessment, eye lens assessment)	
Tonometry	
Tonometry exam	
Tear film assessment	

Self-Reading Topics	Week
Review: Ocular anatomy and common eye Glossary	
Purkinje images	
Pupil Reaction Examination, RAPD, Horner's syndrome, Argyll Robertson Pupil (ARP)	
Amaurotic	
Ocular Allergy	
Blepharitis	

Additional Notes
<p><b><u>Attendance policy:</u></b></p> <ul style="list-style-type: none"> <li>• JUST policy requires the faculty member to assign 35% if a student misses 10% of the classes without excuses.</li> <li>• When you are absent, it is your responsibility to find out about any announcements or assignments you may have missed.</li> <li>• The last day to drop the course is before the 12th week of the current semester.</li> <li>• The format of the exams is generally short essay questions.</li> <li>• Cheating will not be tolerated; standard JUST policy will be applied.</li> </ul> <p><b><u>Expected workload:</u></b> Students are expected to take every effort to ensure satisfactory learning of the material given.</p> <p><b><u>Feedback:</u></b> 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, its teaching and assessment methods can be also sent by e-mail.</p>