

**University:** Al Azhar  
**Faculty:** Medicine  
**Department:** Ophthalmology

## Course Specification

<b>1. Course Data</b>		
<b>Course Code :</b> 07-700-ophth-med-Dip	<b>Course Title:</b> Ophthalmic Medicine	<b>Academic Year / level:</b> 2 <sup>nd</sup> part of diploma Ophthalmology
<b>Specialization:</b> Ophthalmology	<b>No. of Instructional Units:</b>	
	<b>Lecture</b>	4hr/w
	<b>Practical</b>	6hr /wk

<b>2. Objectives of the course</b>	<p>The aim of the course is to provide the postgraduate with the advanced knowledge and skills essential for the mastery of practice of the specialty and necessary for further training and practice in the field of Ophthalmic medicine through providing :</p> <ul style="list-style-type: none"> <li>• To provide the candidate with the knowledge and clinical skills necessary to achieve patient care.</li> <li>• Skills in the assessment of ophthalmic patients including investigations.</li> <li>• Skills in managing patients with ophthalmic diseases.</li> <li>• Rules of medical ethics.</li> <li>• Skills of effective communication.</li> </ul>
<b>3. Intended Learning Outcome (ILOs)</b>	
<b>a. Knowledge and Understanding:</b>	<p><b>At the end of the course the students should be able to:</b></p> <p>A1. Recognize clinical diagnosis of diseases affecting the eye and the adenexa.</p> <p>A2. Identify investigations necessary for diagnosis of ophthalmic diseases.</p> <p>A3. Recognize medical emergencies and critical care in ophthalmology.</p> <p>A4. List neurological ophthalmic related disorders.</p> <p>A5. List ocular manifestation of systemic diseases.</p>

<b>b. Intellectual Skills:</b>	<p><b>At the end of the course the students should be able to::</b></p> <p>B1.Solve the common ophthalmic problem effectively.  B2.Integrate the results of history, physical and investigational findings into a meaningful diagnostic formulation.  B3. Select the most effective investigations.  B4. Differentiate common medical ophthalmic diseases.  B5.Interpret general ophthalmic investigations.  B6.Put a plan for management of common acute ophthalmic diseases.</p>																																																											
<b>c. Professional Skills:</b>	<p><b>At the end of the course the students should be able to:</b></p> <p>C1.Take informative medical history.  C2.Perform clinical ophthalmic examination  C3.Integrate data to reach diagnosis.  C4.Put a differential diagnosis.  C5.Write a treatment prescription.  C6.Write a medical report.</p>																																																											
<b>d. General Skills:</b>	<p><b>At the end of the course; the student should be able to:</b></p> <p>D1.Communicate effectively with patients ,their relatives, and colleagues  D2.Work in a team and can lead a team.  D3.Manage his time properly.  D4.Use information technology to conduct a review article.</p>																																																											
<b>4. Course Content</b>	<table border="1"> <thead> <tr> <th data-bbox="565 999 1089 1037"><b>Topics</b></th> <th data-bbox="1097 999 1256 1037"><b>Lectures</b></th> <th data-bbox="1265 999 1414 1037"><b>Clinical</b></th> </tr> </thead> <tbody> <tr><td>Diseases of the Eye Lid</td><td>2</td><td>4</td></tr> <tr><td>Diseases of the Lacrimal drainage system</td><td>1</td><td>2</td></tr> <tr><td>Diseases of the Orbit</td><td>2</td><td>4</td></tr> <tr><td>Diseases of the Conjunctiva</td><td>2</td><td>4</td></tr> <tr><td>Diseases of the Cornea</td><td>3</td><td>6</td></tr> <tr><td>Diseases of the Sclera</td><td>1</td><td>2</td></tr> <tr><td>Diseases of the Lens</td><td>2</td><td>4</td></tr> <tr><td>Glaucoma</td><td>3</td><td>6</td></tr> <tr><td>Diseases of the Uveal tissue</td><td>3</td><td>6</td></tr> <tr><td>Retinal Vascular diseases</td><td>1</td><td>2</td></tr> <tr><td>Acquired Macular disorders</td><td>1</td><td>2</td></tr> <tr><td>Hereditary Fundus dystrophies</td><td>1</td><td>2</td></tr> <tr><td>Retinal detachment</td><td>1</td><td>2</td></tr> <tr><td>Strabismus</td><td>3</td><td>6</td></tr> <tr><td>Neuro-ophthalmology</td><td>2</td><td>4</td></tr> <tr><td>Ocular tumours</td><td>2</td><td>4</td></tr> <tr><td>Systemic diseases</td><td>2</td><td>4</td></tr> <tr><td>Trauma</td><td>2</td><td>4</td></tr> </tbody> </table>			<b>Topics</b>	<b>Lectures</b>	<b>Clinical</b>	Diseases of the Eye Lid	2	4	Diseases of the Lacrimal drainage system	1	2	Diseases of the Orbit	2	4	Diseases of the Conjunctiva	2	4	Diseases of the Cornea	3	6	Diseases of the Sclera	1	2	Diseases of the Lens	2	4	Glaucoma	3	6	Diseases of the Uveal tissue	3	6	Retinal Vascular diseases	1	2	Acquired Macular disorders	1	2	Hereditary Fundus dystrophies	1	2	Retinal detachment	1	2	Strabismus	3	6	Neuro-ophthalmology	2	4	Ocular tumours	2	4	Systemic diseases	2	4	Trauma	2	4
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<b>5. Teaching and Learning Methods</b>	<ul style="list-style-type: none"> <li>• Lectures and tutorials.</li> <li>• Practical and clinical cases.</li> <li>• Workshops.</li> <li>• Case Study.</li> </ul>																																																											

<b>6. Teaching and Learning Methods for Students with Special Needs</b>	Not applicable
<b>7. Student Assessment:</b>	
<b>a. Procedures used:</b>	<ul style="list-style-type: none"> <li>• Final written exam.</li> <li>• Final oral exam.</li> <li>• Final practical exam.</li> <li>• Final clinical exam.</li> </ul>
<b>b. Schedule:</b>	At April/November after passing written exam
<b>c. Weighing of Assessment:</b>	<ul style="list-style-type: none"> <li>• Final written exam: 100 degrees.</li> <li>• Final oral, practical, clinical exam: 100 degrees.</li> </ul>
<b>8. List of Textbooks and References:</b>	
<b>a. Course Notes</b>	
<b>b. Required Books (Textbooks)</b>	<ul style="list-style-type: none"> <li>• Kanski clinical ophthalmology.</li> </ul> <p><b>Kanski JJ, Bowling B.</b> Clinical Ophthalmology; a systematic approach, 7th ed. Butterworth/Heinemann 2011.</p> <ul style="list-style-type: none"> <li>• Yanoff Ophthalmology.</li> </ul> <p>Yanoff M, Duker JS. Ophthalmology, textbook, 2nd ed. Philadelphia: Mosby. 2004.</p> <ul style="list-style-type: none"> <li>• American Academy of Ophthalmology</li> </ul> <p>The MD association. American Academy of Ophthalmology. Lifelong Education for the ophthalmologist. 2011.</p>
<b>c. Recommended Books</b>	<ul style="list-style-type: none"> <li>• Duane's Ophthalmology.</li> </ul> <p>Tasman W, Jaeger EA (eds). Duane Ophthalmology. Philadelphia: Lippincott Williams &amp; Wilkins, 2002.</p> <p>Manual: diagnosis and treatment, 1<sup>st</sup> ed . Lippincott Williams &amp; Wilkins, 2002.</p>
<b>d. Periodicals, Web Sites, ..., etc.</b>	<ul style="list-style-type: none"> <li>• British journal ophthalmology.</li> <li>• Ophthalmology.</li> <li>• American journal ophthalmology.</li> <li>• American Association for Pediatric Ophthalmology and Strabismus.</li> <li>• Achieve Ophthalmology.</li> <li>• Egyptian journal ophthalmology.</li> <li>• <a href="http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1755-3768">http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1755-3768</a></li> <li>• <a href="http://ophthalmology.blogspot.com/">http://ophthalmology.blogspot.com/</a></li> <li>• <a href="http://pubmed.com">http://pubmed.com</a></li> </ul>

**Course Instructor:**

**Head of Department:**

**Prof. Dr.**

**Date: /11/2014**