



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of Ophthalmology**

**Course Specifications**

**Doctorate Degree**

**Pathology (first semester)**

**2016-2017**

*University: Tanta*

*Faculty: Medicine*

*Department: Ophthalmology*

## **A- Administrative Information**

**1- Program title: Doctorate Degree, pathology, second semester**

**2- Department offering the program: ophthalmology department**

**3- Department responsible for the course: ophthalmology department .**

**4- Course code: OPTH 9003**

**5- Level: 1<sup>st</sup> part**

**6- No. of Credit / taught hours: 3credit hours**

- Lectures: 2credit hours=30 taught hours**
- Practical: 1credit hours =30 taught hours**

## **B- Professional Information**

**1 – Intended learning outcomes (ILOs):**

**a- knowledge and understanding:**

By the end of this program the candidate will be able to :

a1- understand the Basic principles of pathology of the eye.

**b-intellectual skills:**

By the end of the course, students should be able to:

b1 -Solve the ophthalmological problems related to the Pathology of the eye and know how to find the solution

**c-Professional &Practical Skills:**

By the end of the course, students should be able to:

C1- recognize different pathological ocular conditions

**d-General Transferable Skills:**

By the end of this program the candidate will be able to;

d1- Use various communication skills, management skills.

**2-Course contents:**

- **Lectures: 2credit hours=30 taught hours**
- **Practical: 1credit hours =30 taught hours**

❖ **Lectures:**

Name of the lecture	Taught hours
<p><b><u>Pathology:</u></b></p> <ul style="list-style-type: none"> <li>• <b>Basic principles:</b> Inflammation, immunobiology, cellular and time reactions as hyperplasia, hypoplasia, degeneration, dystrophy, necrosis, pigmentation, dyplasia...</li> <li>• <b>Congenital anomalies:</b></li> <li>• <b>Conjunctiva:</b> inflammations , degenerations , pigmentation and tumours</li> <li>• <b>Cornea:</b> inflammations, degeneration, dystrophies, pigmentation, tumours</li> <li>• <b>Sclera:</b> Inflammation, degenerations, staphyloma</li> <li>• <b>Lens:</b> Cataract, exfoliation syndrome.</li> <li>• <b>Glaucoma and hypotony:</b> ,( congenital, primary glaucoma, secondary) and hypotory.</li> <li>• <b>Uveal tract:</b> Inflammations, degenerations, cysts, choroidal detachment, tumours.</li> <li>• <b>Retina:</b> Inflammation, vascular disorders, degenerations, retinal</li> </ul>	<p><b>(30h)</b></p> <p>(3)</p> <p>(2)</p> <p>(3)</p> <p>(3)</p> <p>(1)</p> <p>(1)</p> <p>(1)</p> <p>(3)</p> <p>(2)</p>

detachment and tumours.	(3)
<ul style="list-style-type: none"> <li>• Optic nerve: Injuries, inflammations, degenerations, tumours, papilloedema</li> </ul>	(2)
<ul style="list-style-type: none"> <li>• Eyelids: : Senile change, inflammations, metabolic disorders of tumours.</li> </ul>	(1)
<ul style="list-style-type: none"> <li>• Lacrimal: inflammations, degenerations, cysts and tumours</li> </ul>	(2)
<ul style="list-style-type: none"> <li>• Orbit: Inflammations, cysts, tumours.</li> </ul>	(1)
<ul style="list-style-type: none"> <li>• Eye injuries: Contusions, wounds, Intraocular foreign bodies, sympathetic ophthalmitis, chemical injuries. Immunology of ocular disorders</li> </ul>	(2)
<ul style="list-style-type: none"> <li>• Microbiology.</li> </ul>	

❖ **Practical & clinical skills:**

**2hours/week= 30 hours/semester=1 credit hours**

**3-Teaching and learning methods:**

- **Lectures: 2credit hours=30 taught hours**
- **Practical: 1credit hours =30 taught hours**

**4-Student Assessment**

4.1, exam at the end of semester (quiz, MCQs.....) a1, b1

4.2-log book: a1, b1,c1,d1

**5- Assessment schedule:**

exam at the end of semester (quiz, MCQs.....)	End of the course
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**6- List of references**

6.1 Course notes

Handout of the department

6.2 Text book:

-American academy of ophthalmology. Basic and clinical science course, 2010-2011

6.3 Recommended books

Clinical anatomy of the eye, Richard S. Snell, Micheal A. Lemp, 2<sup>nd</sup> edition.

6.4 Periodicals and web sites

-British journal of ophthalmology. [www.bjo.bmj.com](http://www.bjo.bmj.com)

-Current opinion of ophthalmology. [www.co-ophthalmolgy.com](http://www.co-ophthalmolgy.com)

**7-Other resources/ facilities required for teaching and learning to achieve the above ILOs**

-The general library of the faculty.

- Library of the department.

-we certified that all of the information required to deliver this course is contained in the above specifications and will be implemented

We verify that the above report and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department

name.....

signature..... Date.....

Head of quality assurance unit: name.....

signature..... Date.....