



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of Ophthalmology**

**Course Specifications**

**Doctorate Degree  
Eighth semester**

**2016-2017**

## A- Administrative Information

- 1- Program title: Doctorate Degree, eighth semester
- 2- Department offering the program: ophthalmology department
- 3- Department responsible for the course: ophthalmology department.
- 4- Course code: OPHT 9010
- 5- Level: second part
- 6- No. of Credit / taught hours: **9 credit hours**
  - **Lectures: 4 credit hours=60 taught hours**
  - **Practical: 2 credit hours =60 taught hours**
  - **Elective courses: 2 credit hours=30 taught hours**
  - **Activities: 1 credit hours=60 actual 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- identify intra- ocular tumours, Investigations.
- a2- identify the basic principles Laser ophthalmic applications.

#### b-intellectual skills:

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

- b1 -Solve the ophthalmological problems related to the intra ocular tumours and know how to find the solution.
- b2- Evaluate different types of ophthalmologic diseases with special concern on the intra ocular tumours.

#### c-Professional &Practical Skills:

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

- c1-Diagnose of the intra ocular tumours
- c2- Write a treatment prescription.
- C3- use different Laser procedures for treatment of the ophthalmic diseases.

C4-use different investigations for the diagnosis of the ophthalmic diseases.

**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: 4 credit hours=60 taught hours**
- **Practical: 2 credit hours =60 taught hours**
- **Elective courses: 2 credit hours=30 taught hours**
- **Activities: 1 credit hours=60 actual hours**

❖ **Lectures:**

Name of the lecture	Taught hours
<p><b><u>Medicine:</u></b></p> <ul style="list-style-type: none"> <li>• Intra-ocular tumors</li> <li>• Investigations.</li> </ul>	<p><b>(30h)</b> (15) (15)</p>
<p><b><u>Surgery:</u></b></p> <ul style="list-style-type: none"> <li>• Laser ophthalmic applications</li> </ul>	<p><b>(30h)</b></p>

❖ **Practical & clinical skills:**

4 hours/week= 60 hours/semester=2 credit hours

Practical & clinical skills	Taught hours(60h)
1- Fluorescein angiography	(10)
2- Ultrasonography.	(10)
3- Keratometry	(9)
4- Idea about corneal topography.	(10)
5- Perimetry: manual and automated to perform and to	(10)

evaluate.	(10)
6- Evaluation of electrical activity of retinal and optic nerve	(10)
7- Radiological assessment of CT scan, MRI orbit and eye.	(10)
8- UBM	(10)
9-OCT	

❖ **Activities: including, seminars, research forum, journal club, discussion of thesis, workshops, instruction courses, conferences.**

**3-Teaching and learning methods:**

- **Lectures: 4 credit hours=60 taught hours**
- **Practical: 2 credit hours =60 taught hours**
- **Elective courses: 2 credit hours=30 taught hours**
- **Activities: 1 credit hours=60 actual hours**

**4-Student Assessment**

- 4.1, **exam at the end of semester (quiz, MCQs.....)** a1,a2, b1,b2  
 4.2-log book: a1,a2, b1,b2,c1,c2,c3, c4,d1

**5- Assessment schedule:**

<b>exam at the end of semester (quiz, MCQs.....)</b>	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.....