Department of Ophthalmology

Course Specifications

Pathology , Diploma Degree (Fourth semester)

2016-2017

University: Tanta   Faculty: Medicine   Department: Ophthalmology

A- Administrative Information

1- Program title: Diploma Degree, pathology, fourth semester

2- Department offering the program: ophthalmology department

3- Department responsible for the course: ophthalmology department .

4- Course code: OPTH 7008

5- Level: 2ⁿᵈ part

6- No. of Credit / taught hours: 4.5 credit hours

- **Lectures: 2credit hours=30 taught hours**
- **Practical: 1credit hours =30 taught hours**
- **Elective course   0.5 credit hour (15h)**
- **Scientific activities 1 credit hour (30h)**

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
Pathology: • Basic principles: Inflammation, immunobiology, cellular and time reactions as hyperplasia, hypoplasia, degeneration, dystrophy, necrosis, pigmentation, dyplasia… • Congenital anomalies: • Conjunctiva: inflamations , degenerations , pigmentatian and tumours • Cornea: inflammations, degeneration, dystrophies, pigmentation, tumours • Sclera: Inflammation, degenerations, staphyloma • Lens: Cataract, exfoliation syndrome. • Glaucoma and hypotony: ,(congenital, primary glaucoma, secondary) and hypotory. • Uveal tract: Inflammations, degenerations, cysts, choroidal detachment, tumours.	**(30h)** (3) (2) (3) (3) (1) (1) (1) (3)

• Retina: Inflammation, vascular disorders, degenerations, retinal detachment and tumours.	(2)
• Optic nerve: Injuries, inflammations, degenerations, tumours, papilloedema	(3)
• Eyelids: : Senile change, inflammations, metabolic disorders of tumours.	(2)
• Lacrimal: inflammations, degenerations, cysts and tumours	(1)
• Orbit: Inflammations, cysts, tumours.	(2)
• Eye injuries: Contusions, wounds, Intraocular foreign bodies, sympathetic ophthalmitis, chemical injuries.	(1)
Immunology of ocular disorders • Microbiology.	(2)

❖ **Practical & clinical skills:**

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

3-Teaching and learning methods:
▪ Lectures
▪ Seminars
▪ Workshops
▪ Journal clubs
▪ Bedside teaching
▪ Case presentation
▪ conference participation and attendance
▪ observation

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

6- List of references
6.1 Course notes
Handout of the department
6.2 Text book:
-American acedamy of ophthalmology. Basic and clinical science course, 2010-2011
6.3 Recommended books
Clinical anatomy of the eye, Richard S. Snell, Micheal A. Lemp, 2nd edition.
6.4 Periodicals and web sites
-British journal of ophthalmology. www.bjo.bmj.com
-Current opinion of ophthalmology. 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………………