



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Ophthalmology

Course Specifications

Ophthalmology Fourth year

2011-2012

Ophthalmology Fourth year Course specifications

University: T anta

Faculty: Medicine

Department: Ophthalmology

1- Administrative Information

- **Course title: Ophthalmology**
- **Code: TMED 04: 01**
- **Department offering the course: Ophthalmology and other departments of university**
- **Program (s) on which this course is given: M.B.B.Ch**
- **Departments offering the program:**
- **Academic year/ Level 4th year of M.B.B.Ch**
- **Semester in which the course is given: All the academic year**
- **Date of approval by department/faculty council :**
 - This document has been approved by:*
 - **The Board of Department of Ophthalmology on: September 2011**
 - **The Internal Quality Assurance & Accreditation Center: on: 14thSeptember 2011**
 - **Council of the Faculty of Medicine, Tanta University on:21/9/ 2011**
- **Taught hours:**
 - **Lectures : 80**
 - **Tutorial & Practical : 120**
 - **Total :200**

2 – Overall Course Aims

- To enable students to be familiar with normal structure of the eye.
- To enable students to give basic health care and preventive measures against endemic diseases.
- To enable students to recognize and manage usual ophthalmic problems as well as common causes of visual loss.
- To enable students to correlate between the eye and other specialties (Systemic diseases).
- To enable students to face the ophthalmic emergencies with proper management.

3- Intended learning outcomes (ILOs):

a) knowledge and understanding:

By the end of the course the student should be able to:

- a1 Describe the causes, pathogenesis and management of the most common diseases affecting the eye.
- a2 Outline the management of emergencies in priority.
- a3 Determine therapeutic lines for important and basic ophthalmic health care.
- a4 Determine the appropriate diagnostic tool used in the diagnosis of common ophthalmic problems.
- a5 Recognize common causes of visual loss and their management.
- a6 List common disease's clinical manifestations and differential diagnosis with emphasis on the Importance of their relative incidences in establishing the diagnosis.
- a7 Name the principles, indications, the relative advantages and disadvantage of various management strategies applied to common clinical situations.
- a8 Define basic investigations related to important ocular diseases
- a9 -Recognize the essential steps and possible complications of common interventions

b) Intellectual skills

By the end of the course the student should be able to:

- b1 Interpret the most important symptoms and signs of diseases in ophthalmic patients.
- b2 Recognize different ophthalmic emergencies and their first aid.
- b3 Design the principles of problem solving using a comprehensive knowledge base.
- b4 Correlate between the clinical symptoms and signs of common ocular diseases, and ocular manifestations with associated with systemic diseases.
- b5 Exhibit clinical decision analysis skills that weighs the pros and cons of the proposed interventions.

c) Professional & practical skills

By the end of the course the student should be able to:

- c1 Perform a proper clinical assessment of the common ophthalmic problems.
- c2 Applying basic medical science to disease process, supported by early clinical contact and demonstration.
- c3 Take a proper history for the patient.
- c4 Perform and document a complete or focused physical and mental examination.
- c5 Perform adequate basic ophthalmic examination to identify deviations from normal.
- c6 Present patient data in an organized and informative manner.
- c7 Apply available facilities for early recognition and management of acute illnesses; including common medical and surgical emergencies.
- c8 -Write clear and concise medical records including: admission sheets, progress notes, and physician' orders, referrals for consultation, discharge summaries and follow up notes

d) General transferable skills

By the end of the course the student should be able to:

- d1 Communicate properly with patients to have relevant data related to their problems.

- d2 React kindly and respectfully to the patients during history taking and clinical examination.
- d3 Conduct patient interviews that are characterized by patience and attentive listening.
- d4 Perform verbal and written communication with patients, their families and colleagues with competence.
- d5 Explain to patients and their families the clinical investigation's findings in relation to possible courses of therapy including indications, risks, benefits and alternatives as well as plans for follow up.
- d6 Know when and how to ask for senior consultation.
- d7 -Give accurate and clear oral summaries of the patient's illness.
- d8 Work collaboratively with other health professionals in other disciplines to maximize patient benefits and minimize the risk of errors.

4- Topics (Contents of the course)

Topic	No. of hrs.		
	Lectures	Practical/Small groups	Total
<u>Preventive ophthalmology:</u> *Integrated management of ophthalmic diseases. *Prevention of infectious and endemic diseases of the eye. *Prevention of blindness as a complication of most serious eye diseases and most common systemic diseases.	80	120	200
<u>Ophthalmic emergencies:</u> *Emergencies affecting the eye especially chemical substances and actual burns with the first- aid management. *Trauma affecting the eye and the first-aid management. *Recognition of cases needing referral to specialized centers.			
<u>Clinical cases:</u> *Diseases of the eyelids, the lacrimal system and orbit.. *Diseases of the conjunctiva and the cornea. *Diseases of the iris and the lens. *Diseases that affect intraocular pressure *Diseases of neuro-ophthalmology. *Diseases of extraocular muscles (squint).			

5-Teaching and learning methods

- Teaching methods

5.1 Lectures: The whole course is given throughout the academic year.

5.2 Clinical rounds (small- group teaching, practice of clinical skills, video demonstration of basic operative procedures). Each term, students are divided into 6 groups attending outpatient clinics and inpatient rounds, and students are allowed to attend operative procedures (elective)

5.3 Ophthalmic inpatient wards.

5.4 Outpatient clinics.

5.5 Attending the emergency shifts periodically

Item	Time schedule	Teaching hours
Lectures	_2hours/day, 5days/week, for 8 week	80 hours.
Practical classes	3 hours/day, 5 days/week, for 8 weeks.	120 hours
Total		200 hours

6-Student Assessment :

a) Methods used

a1 Written exam to assess a1-a9, b1-b7

a2 Practical exam to assess c1-c8,

a3 Oral exam to assess b1-b7

a4 Log book activity assignment to assess d1-d10,

b) - Assessment schedule التوقيت

Assessment	Week
1- Assessment 1.	Week
2- Assessment 1	Week
3- Assessment 1.	Week
3- Assessment 1...	Week

c) - Weighing of assessments (توزيع الدرجات)

Methods of Student assessment

Method of Assessment	GRADES	%
Midterm examination	30	12%
Final term examination	80	32%
Oral examination	40	16%
Practical/laboratory work	40	16%
Periodical examinations	10 oral	4%
Semester work	10 essay	4%
Other types of assessment	40 slide	16 %
Total	250	100%

e) Attendance criteria

The minimal acceptable attendance is 75%. Students who fail to attend that percentage of activities are not allowed to take the end of term examination. They may be allowed to fulfill the required attendance and attend examination in a subsequent term. Students need to attend at least 60% in order to sit for the final exam

e) Grading System

Examination	Topic	Description	Marks
Periodical Examinations	Sheet examinations	10	20 marks
		10	
Midterm exam		30 MCQ	30 marks
Final Examination	Written		125
	Practical exam & Oral exam		75Marks
Total			200

7- List of references

7.1 Course note

- Department book available at the ophthalmic department.
- Datashow projection slides.
- CDs given to students free of charge.

7.2 Text book

- Kanski Clinical Ophthalmology
- American Academy series

7.3 Recommended books

7.4 Periodicals and web sites

8-Facilities for learning and teaching resources

Lecture Theatre: provided by the Faculty

Small group classes: in the Department

Course coordinator

Name; Prof **Dr/** Magdy moussa—Moataz Sabry _ **Miada Ali**

signature....._Date.....

Head of department

name... Prof **Dr/ Monir Ahmed Khalifa**

This document has been approved by:

Intended learning outcomes of the course (A)

<input checked="" type="checkbox"/> The name of course	Ophthalmology
Code of course	TMED 04: 01

Academy / University: Tanta
Faculty Medicine.:
Department: Ophthalmology :

Topics of the course	Week Study	Knowledge & Understanding	Intellectual Skills	Professional Skills	General transferable skills
<u>Preventive ophthalmology:</u>	First week	a1-a8	b1-b4	c1-c8	d1-d9
<u>Ophthalmic emergencies:</u>		a1-a8	b1-b4	c1-c8	d1-d9
<u>Clinical cases:</u>		a1-a8	b1-b4	c1-c8	d1-d9

Course coordinator:

Head of the department:

