



Course Specifications

Course Title:	Ophthalmology
Course Code:	622 OPH-4
Program:	Bachelor of Medicine and Bachelor of Surgery (MBBS)
Department:	N/A
College:	Medicine
Institution:	Najran University

A. Course Identification

1. Credit hours:
2. Course type
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input type="checkbox"/> Others(Program) <input checked="" type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered: Year-6, Semester-3 (level 18).
4. Pre-requisites for this course (if any): Surgery2 / medicine2 /Pedia2
5. Co-requisites for this course (if any): None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	E-learning	38	29.69 %
2	Distance learning	N/A	0
3	Other Bed side teaching Clinical Skill lab	90	70.31 %

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	22
2	Others (specify)	
	Seminar	8
	Clinical Skill lab	4
	Bed Side Teaching	26
	Total	60
		128

B. Course Objectives

<p>1. Course Description</p> <p>This course is delivered to the medical students at level twelve/6th year. It guides the students to acquire sound knowledge of general principles of ophthalmology and optics , and describe the pathogenesis, diagnosis, management, and complications of the common and serous ophthalmologic disorders, in the different age groups.</p>
<p>2. Course Main Objective</p> <p>By the end of this course the graduating medical students are expected to:</p> <ol style="list-style-type: none"> 1) Acquire the basic knowledge of common & or serious eye problems. 2) Describe the symptoms and signs and explain the pathogenesis of common & or serious eye diseases. 3) Practice fundamental Skills, so he can initiate treatment at the primary care level for his patient as a future career. 4) Examine clinically the patients with eye disorder. 5) Able to arrange for safe and appropriate time referral to a specialized care.

C. Course Content

No	List of Topics		Contact Hours
1	Introduction	L	1(1+0)
2	Anatomy of the eye and the orbit	L	1(1+0)
3	Ocular adnexal disorders (Lids)	L + BST	4(1+3)
4	Ocular adnexal disorders (Conjunctiva)	L + BST	4(1+3)
5	Ocular adnexal disorders (Lacrimal system)	L + BST	4(1+3)
6	Dry eye	L + BST	4(1+3)
7	Corneal diseases .	L + BST	4(1+3)
8	Corneal degenerations and dystrophies	Se + BST	5(2+3)
9	Lens and cataract	L + BST	4(1+3)
10	Lens and cataract II	L + BST	4(1+3)
11	Optics & Refraction	L + SL + BST	6(1+5)
12	Amblyopia	Se + BST	5(2+3)
13	Uveal tract diseases	L + BST	4(1+3)
14	Glaucoma	L + BST	4(1+3)
15	Glaucoma II	L + SL + BST	6(1+5)
16	Retinal vascular diseases	L + SL + BST	6(1+5)
17	Retinal detachment	L + BST	4(1+3)
18	Diabetic retinopathy	Se + BST	5(2+3)
19	Hypertensive retinopathy	Se + BST	5(2+3)
20	Strabismus	L + BST	4(1+3)
21	Strabismus II	L + SL + BST	6(1+5)
22	Eye and orbital tumors in pediatrics	Se	2(2+0)
23	Ophthalmia Neonatorum	Se + BST	5(2+3)
24	Neuro-ophthalmology	L + BST	4(1+3)
25	Light and Near reflexes	Se + BST	5(2+3)
26	Tumors of the visual pathways	Se	2(2+0)
27	Orbital diseases	L + BST	4(1+3)
28	Thyroid eye disease	L + BST	4(1+3)
29	Ophthalmic manifestations of the systemic diseases	L + BST	4(1+3)
30	Ocular emergencies	L + BST	4(1+3)
Total			

D. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous assessment Seminars (5%) Log book (5)	Through the 4 weeks	%10
2	(Mid of course exam MCQs OSPE	In the beginning of the 3 rd week	15% 15%
3	Theoretical final term exam –(MCQs)	At the end of the 4 th week	30%
4	Final practical exam OSPE	At the end of the 4 th week	30 %

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Karpecki, Paul M. ,Kanski's Clinical Ophthalmology, A Systematic Approach, 8th ed.,2015
Essential References Materials	Jay N.Chapman , American academy of ophthalmology-BCSC, 6th ed.September 2017
Electronic Materials	Saudi Digital Library. - www.djo.harvard.edu - emedicine.medscape.
Other Learning Materials	None

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Lecture room suitable for the number of the students
Technology Resources (AV, data show, Smart Board, software, etc.)	Computers, multimedia, Blackboard, zoom and internet connection in the lecture rooms.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Skill lab, prepared with different mannequins suitable for performing different orthopedics procedures -Library supplied with reference text books, electronic resources

F. Specification Approval Data

Council / Committee	Department council
Reference No.	
Date	23/7/1444H