**KING SAUD UNIVERSITY**

**COLLAGE OF APPLIED MEDICAL SCIENCES**

**DEPARTMENT OF Optometry and Vision Science**

**OPTO 323 - 1st semester 2014/2015**

**COURSE SYLLABUS**

**COURSE INFORMATION**

Course title Clinical Examination of the Visual System (III)

Course number OPTO 323

Course Date Monday 10 AM –1 PM.

Course Location 2nd floor, class no. 32

**Instructors** Dr. KholoudBokhary, PhD., MOptom. ([kbokhary@ksu.edu.sa](mailto:kbokhary@ksu.edu.sa))

**Office Hours** Dr. KholoudBokhary (Tuesday9-11 AM, office no. 227).

Lec. May Al-Khudair(Sunday 10-12 AM).

**COURSE DESCRIPTION:**

In this third course of its series of clinical courses, slit-lamp biomicroscope examination of the

posterior segment, Gonioscopy, tonometry, visual fields, Amsler grid, brightness and color

comparison, exophthalmometry and pupil evaluation will be covered over ten weeks with one

lecture hour and four hours of clinical practice per week.

**COURSE LEARNING OBJECTIVE:**

By the end of this course the student should know when and how to carry out the following tests and how to interpret the results from the tests:

1. Tonometry
2. Visual Fields
3. Biomicroscopic Examination of the Posterior Segment
4. Pupil Evaluation
5. Amsler Grid
6. Brightness and Color Comparison
7. Exophthalmometry
8. Gonioscopy

**Text Book:**

1. Clinical Procedures in Primary Eye Care *by David B. Elliot*

2. Clinical Procedures for Ocular Examination *by Daniel Kurtz and Nancy B. Carlson*

3. Clinical Procedures in Optometry *by J. Boyd Eskridge, John F. Amos and Jimmy D.*

*Bartlett*

**Reference Material:**

*(Journals, Reports, etc) (Attach List)*

Recommended journals change with semester to reflect the latest research and the particular topic on which I have asked the students to research on. Therefore no one list is adequately representative of all the semesters I have taught this course or even of this semester because I do not yet know the published papers I will recommend for my last couple of topics.

**OUTCOMES TO SUCCESSFULLY COMPLETE THIS COURSE INCLUDE:**

Students must demonstrate knowledge of Clinical Examination of the Visual System using slit-lamp biomicroscope examination of the posterior segment, Gonioscopy, tonometry, visual fields, Amsler grid, brightness and color comparison, exophthalmometry and pupil evaluation. Students should be able to identify patient problems, setting goals and writing patient report via the successful complication of clinical practice, reading papers, report, and satisfactory performance on exams.

**COURSE POLICIES:**

- **Attendance**: Students are expected to attend each session AND be on time (3 times late = absent). Therefore, regular attendance is critical for doing well in this course.

- **Ask** for explanation if you are confused (in class, office hours, e-mail).

- **PleaseDON’T** use your cell phones in classroom. Keep it silent, you’ll be asked to leave the class if you are using your cell phone inappropriately.

- **Use blue pen** only in writing your assignments and exam answer sheet.

- **Conduct & Responsibilities**: It is the student's responsibility to maintain professional standards of behavior and attire while on campus and hospital. Students are expected to be prepared for instructional activities. They must be bring required supplies/equipment and dress appropriately in accordance with instructor's directions. Failure to do so can result in the students being marked for absent for the class session. The dean will impose sanctions for unprofessional behavior. Any form of cheating, fraud, plagiarism, or unauthorized collaboration with result in failure of the course and referral to the dean for disciplinary sanctions.

- **Pons marks**: Only TWO marks will be given at the end of course as needed.

**Assignment:**

Choose a suitable scientific paper related to one of the course topics, which you will be able to understand at the end of the course. Summarize and present this paper upon your knowledge

**Course Plan:**

|  |  |  |
| --- | --- | --- |
| **Topics** | **Week** | **Lecture** |
| Introduction | 1-9-2014 | 1 |
| Tonometry | 8-9-2014 | 2 |
| Visual fields | 15-9-2014 | 3 |
| Biomicroscopic Examination of the Posterior Segment | 22-9-2014 | 4 |
| Pupil Evaluation | 13-10-2014 | 5 |
| **1st Midterm Exam** | 20-10-2014 | 6 |
| Amsler Grid | 27-10-2014 | 7 |
| **practical exam** | **3-11-2014** | **8** |
| Brightness and Color Comparison | 10-11-2014 | 9 |
| Exophthalmometry | 10-11-2014 | 10 |
| Gonioscopy | 17-11-2014 | 11 |
| 2nd Midterm Exam | 24-11-2014 | 12 |
| Presentation for the assignment | 1-12-2014 | 13 |
| **Final practical exam** | 15-12-2014 | 14 |
| Final writtin Exam | 22-12-2014 | 15 |

**Marks Distribution:**

* 1st midterm 15 marks
* 2nd midterm 15 marks
* Assignment 5 marks
* Final Exam 40 Marks
* Practice: 25 marks

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**COURSE SYLLABUS-1st semester 2014/2015**

I have received a copy of the OPTO323 Course syllabus. I have read the syllabus and understand its contents and intend to comply with the contents of this syllabus. I understand that failure to comply with the contents of this syllabus and/or meet the course objectives as stated in this syllabus may result in failure of the course and dismissal from the program.

STUDENT'S NAME…………………………………………………

STUDENT'S MOBILE NUMBER……………………………….

STUDENT'S EMAIL………………………………………………….

STUDENT'S SIGNATURE………………………………………….

DATE …………………………………………………………………….