

Kingdom of Saudi Arabia

**The National Commission for Academic Accreditation &
Assessment**

COURSE SPECIFICATION

OPTO 262Clinical Methods I

Revised March 2012

Course Specification

*For Guidance on the completion of this template, please refer to of Handbook 2
Internal Quality Assurance Arrangements*

Institution	King Saud University
College/Department: College of Applied Medical Sciences/Optometry	

A Course Identification and General Information

1. Course title and code: OPTO 262Clinical Methods I
2. Credit hours: 3
3. Program(s) in which the course is offered. (If general elective available in many programs indicate this rather than list programs) Optometry
4. Name of faculty member responsible for the course Ibrahim Almahuby
5. Level/year at which this course is offered Level 4/ First year
6. Pre-requisites for this course (if any) College Core
7. Co-requisites for this course (if any) N/A
8. Location if not on main campus N/A

B Objectives

<p>1. Summary of the main learning outcomes for students enrolled in the course.</p> <p>1. To teach the student how to perform basic visual examination techniques</p>
<p>2. Briefly describe any plans for developing and improving the course that are being implemented. (eg increased use of IT or web based reference material, changes in content as a result of new research in the field)</p> <p>- Assessment form distributed to students by the end of each course</p>

C. Course Description (Note: General description in the form to be used for the Bulletin or Handbook should be attached)

1. TOPICS to be COVERED	No. of Weeks	Contact Hours
Case history	2	3
Visual acuity	2	3
Pinhole	1	3
IPD (inter-pupillary distance)	1	3
Penlight examination of the external eye and anterior chamber	1	3
First Midterm Exam	1	2
Pupillary function	1	3
Duction and version	1	3
NPC (near point of convergence)	1	3
NPA (near point of accommodation)	1	3
Second Midterm Examination	1	2
Phoria test (e.g. Maddox Rod, Red Glass test)	1	3
Stereopsis	1	3
worth-4-dot	1	3
Clinical practice	13	24
Clinical Examination	1	3
Final examination	1	2

2 Course components (total contact hours per semester):			
Lecture: 13 (excluding final clinical and theoretical)	Tutorial: N/A	Practical: 24	Other:

3. Additional private study/learning hours expected for students per week. (This should be an average: for the semester not a specific requirement in each week)

Students should spend a minimum of 6 hours per week.

4. Development of Learning Outcomes in Domains of Learning
For each of the domains of learning shown below indicate:
Student should improve her skill to perform basic visual examination techniques
a. Knowledge
(i) Description of the knowledge to be acquired
(ii) Teaching strategies to be used to develop that knowledge
<ul style="list-style-type: none"> - Lectures - Clinical and practical session
(iii) Methods of assessment of knowledge acquired
- Examination, quizzes, assignments, as well as clinical procedures evaluation
b. Cognitive Skills
(i) Cognitive skills to be developed
<ul style="list-style-type: none"> - Critical thinking - Problem solving - Judgment call

<p>(ii) Teaching strategies to be used to develop these cognitive skills</p> <ul style="list-style-type: none"> - Comprehensive clinical case will be presented to students and they will be asked to formulate a treatment plan.
<p>(iii) Methods of assessment of students cognitive skills</p> <ul style="list-style-type: none"> - Clinical cases related question will be discussed.
<p>c. Interpersonal Skills and Responsibility</p>
<p>(i) Description of the interpersonal skills and capacity to carry responsibility to be developed</p> <ul style="list-style-type: none"> - How to communicate with patients, instructors, and clinical staff. - How to deliver information to patients in a professional way. - Teach students how to deal with different patients' personalities and attitudes.
<p>(ii) Teaching strategies to be used to develop these skills and abilities</p> <ul style="list-style-type: none"> - Students will be trained on volunteer subjects
<p>(iii) Methods of assessment of students interpersonal skills and capacity to carry responsibility</p> <ul style="list-style-type: none"> -Direct evaluation.
<p>d. Communication, Information Technology and Numerical Skills</p>
<p>(i) Description of the skills to be developed in this domain.</p> <p style="padding-left: 40px;">How to perform basic visual examination techniques combined their theoretical knowledge</p>
<p>(ii) Teaching strategies to be used to develop these skills</p> <ol style="list-style-type: none"> 1. Hands on training on different specialized visual examination techniques.
<p>(iii) Methods of assessment of students numerical and communication skills</p> <ul style="list-style-type: none"> -Direct evaluation.

e. Psychomotor Skills (if applicable)
(i) Description of the psychomotor skills to be developed and the level of performance required <ul style="list-style-type: none"> - Students should learn how to control his/her emotions as well as handle such circumstances under different situations. - Student should be properly coordinate between manual and knowledge
(ii) Teaching strategies to be used to develop these skills <ul style="list-style-type: none"> - Audio visual demonstration of clinical procedures. - Practical assignments where a specific time limit is given to the student - Assignments where student should perform a practical demonstration in front of his colleagues
(iii) Methods of assessment of students psychomotor skills <ul style="list-style-type: none"> - Students will be evaluated for different assignments. - Oral examination - Practical examination

5. Schedule of Assessment Tasks for Students During the Semester			
Assessment	Assessment task (eg. essay, test, group project, examination etc.)	Week due	Proportion of Final Assessment
1	Midterm	5	15
2	Practical exam	5	5
3	Midterm	9	15
4	Practical exam	11	15
5	Weekly clinical evaluation	-----	10
6	Final exam	15	40

D. Student Support

<p>1. Arrangements for availability of faculty for individual student consultations and academic advice. (include amount of time faculty are available each week)</p> <p>Each group of students is assigned to a particular faculty where he or she will provide academic concealing during specific academic hours</p>

E Learning Resources

1. Required Text(s)

<p>2. Essential References</p> <p>1. <i>Clinical Procedures in Optometry</i>, Eskridge, Amos and J.D.Bartlett.</p> <p>2. <i>Primary Care of Optometry</i>, 3rd Edition, T.Grsvenor (Published by Butterworth-Heinemann)</p> <p>3. <i>Optometric Examination. A Clinical Manual</i>, 4th Edition, W.S. Long (Published by W.S. Long, Canada 1996)</p>
<p>3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List)</p> <p>N/A</p>
<p>4-.Electronic Materials, Web Sites etc</p> <p>N/A</p>
<p>5- Other learning material such as computer-based programs/CD, professional standards/regulations</p> <p>N/A</p>

F. Facilities Required

<p>Indicate requirements for the course including size of classrooms and laboratories (ie number of seats in classrooms and laboratories, extent of computer access etc.)</p>
<p>1. Accommodation (Lecture rooms, laboratories, etc.)</p> <p>Lecture rooms + Clinic 30 seats</p>
<p>2. Computing resources</p> <p>N/A</p>
<p>3. Other resources (specify eg. If specific laboratory equipment is required, list requirements or attach list)</p> <p>N/A</p>

G Course Evaluation and Improvement Processes

<p>1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching</p> <p>N/A</p>
<p>2 Other Strategies for Evaluation of Teaching by the Instructor or by the Department</p> <p>N/A</p>
<p>3 Processes for Improvement of Teaching</p> <p>N/A</p>

4. Processes for Verifying Standards of Student Achievement (eg. check marking by an independent faculty member of a sample of student work, periodic exchange and remarking of a sample of assignments with a faculty member in another institution)

Check marking and assignments

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.

N/A