

Module (Course Syllabus) Catalogue 2023-2024

College/ Institute	Erbil technical medical institue		
Department	Optometry		
Module Name	Ophthalmic nursings		
Module Code	OPN210		
Degree	Technical Diploma <input type="checkbox"/> *	Bachler <input type="checkbox"/>	High <input type="checkbox"/>
	Diploma <input type="checkbox"/> ster	PhD <input type="checkbox"/>	<input type="checkbox"/>
Semester	Third		
Qualification	PhD Manchester university England UK.		
Scientific Title	Lecturer		
ECTS (Credits)	5 credits		
Module type	Prerequisite <input type="checkbox"/>	Core <input type="checkbox"/> *	Assist. <input type="checkbox"/>
Weekly hours	2 hours		
Weekly hours (Theory)	(2) hr Class		
Number of Weeks	12		
Lecturer (Theory)	Dr. Beriwan Abdulqadir Ali		
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Course Book

Course Description	<p>This course is designed to provide the students with the knowledge of basic principles of ophthalmic nursing. The course focuses on development of theoretical knowledge related to ophthalmic nursing procedures, eye assessment, application of eye medications, eye examination, care of eye diseases and conditions, measurement of the vital signs, emergency eye care, using principles of infection control and non-touch technique in nursing procedures.</p>
Course objectives	<p>On completion of this course the student will be able to:</p> <ul style="list-style-type: none">• Understand development and basic principles of ophthalmic nursing.• Recognize the basic nursing concepts underlying nursing interventions in ophthalmic nursing care.• Use critical thinking and systematic approach to planning, implementation and evaluation of ophthalmic nursing interventions.• Identify ophthalmic procedures.• Recognize the principles of infection control and using principles of infection control and non-touch technique in nursing procedures.• Identify measurement of the vital signs• Utilize the principles of good hygiene in providing eye care.• Learn preparation and administration of eye medications.• Understand emergency eye care.
Student's obligation	<p>All students must attend and prepare themselves during the weekly hours of the course. So that they will be ready for the quizzes, seminars and face to face activities.</p>

	They should take all the quizzes and complete both main exams, assignment of weekly homework. Practically, a weekly experiment must be conducted, result and question must be discussed in groups, and submit a weekly report about their trails.				
Required Learning Materials	Different methods and tools to be used in this course. Theory: lecture, group discussion, seminar, pair work, group work, role play.				
Evaluation		Task	Weight (Marks)	Due Week	Relevant Learning Outcome
	Assignment	Homework	5	2	Preliminery
		Class Activity	5	3	professional
		Seminar	5	5	advanced
		Essay	5	6	prliminery
	Quiz	10	7 and 8	Advanced	
	Midterm Exam	30	9 and 10	Passed	
	Final Exam	40	11 and 12	Passed	
Total	100	12	Passed		
Specific learning outcome:	At the end of this course all the students will be able to learn how to behave in their work place. - They will learn how to deal with patients and the environment around them.				
Course References:	Reading Text : <ul style="list-style-type: none"> • Student's manual for ophthalmic nursing. (2015). Prepared by Dr. Hoshyar Amin Ahmed. • Shaw M. and Lee A., 2010, Ophthalmic Nursing, Wiley Blackwell. • Berman, Snyder, Kozier, Erb. (2008) Kozier & Erb's Fundamentals of Nursing: Concepts, Process, and Practice, 8th Edition. Pearson / Prentice Hall: Upper Saddle River, New Jersey. • Journal of Optometry 				

	Recommended Reading: <ul style="list-style-type: none"> • Wikipedia • PubMed reviews 	
Course topics (Theory)	Week	Learning Outcome
Introduction to Nursing Ophthalmic Nurse Ophthalmic patient Ophthalmic procedures	1	Priliminery
General Principles of Ophthalmic Procedures Recording visual acuity	2	Introduction
Principles of ANTT (Aseptic Non Touch Technique) Principles and protocol for ophthalmic medication instillation/application	3	Introduction
Special considerations for instilling eye medication in children	4	Introduction
Removing a conjunctival or corneal foreign body Applying pad and bandage	5	Advanced
Removing a corneal rust ring Testing for tear film break-up time: assessing the quality of tears Irrigating the eye	6	Advanced
Measurement of the vital signs	7	Advanced
Mid term exam	8	Advanced
Conditions of the orbit Removal of an eye Prosthesis	9	Advanced
Conditions of the eye lid	10	Advanced
Conditions of the lacrimal system	11	Advanced
Final exam	12	Advanced
Questions Example Design: Theoretical Exams <ul style="list-style-type: none"> • written tests that include Definition, multiple choice, Filling blanks, true and false questions and Enumerating • quizzes –short, unannounced tests • assignments 		

The duration and number of questions of the tests depend on the type of the test (quiz, mid-semester, final) and complexity of the topic under evaluation.

Exam papers are marked by lecturers who deliver the teaching and is done by using previously agreed evaluation key.

Type of question Example

Multiple choice 1. The period for effective therapeutic absorption of medication is from:

- a. 1 to 1.5 minutes
- b. 2 to 3.5 minutes
- c. 3 to 4.5 minutes

2. Bleeding of the anterior chamber of the eye is called:

- a. Cobblestone papillae
- b. Hyphaema
- c. Pyrexia

Short answer 1. What are the purposes of measuring the vital signs?

1. 2. 3.

2. Write three operative procedures can be used for removal of an eye:

1. 2. 3.

Matching pairs Match the following statements in the column A with the definitions in the column B:

A B

1. Vital signs A. Wave of blood that can be palpated at major arteries.

2. Incisions B. Process that can be performed by the nurse to obtain subjective and objective data.

3. Intravenous drip C. Slow regular respiration of equal depth.

4. Etiology

D. Guidelines that provided for safe and effective care.

5. Bradypnea E. Continuous infusion of fluids with or without medications.

6. Nursing F. Causal relationship between a problem and its related or risk factors.

7. Penetration wounds G. They are indicators for body functions.

8. Nursing Implications H. Type of wound caused by a clean, sharp-edged object such as a knife.

9. Pulse I. Type of wound caused by an object such as a knife entering the body.

10. Physical assessment J. Autonomous and collaborative care of individuals of all ages, families, groups and communities

Answer for matching pairs:

Definition Define the following terms:

1. Snellen's test type

2. Vital Signs

3. Orbital cellulitis

Problem situation -A patient suffers from Thyrotoxic Exophthalmos, what are the nursing actions for this patient?

Quiz What is a medical term for body temperature lower than 35oC?

Student performance First semester Final exam Total annual marks

Written theoretical test 40% 60% 100%

Extra notes:

An advance course of training will accelerate the understanding of this course to the students.

External Evaluator

The content of this course has been designed and planned, professionally. The content of the course is genuinely suiting medical services and health care practitioners.

Undersetting of this course will lead the students to practice their knowledge in the ocular clinics. In my opinion, the lecturer guides the students to face the problems that they will face in their workplace. The syllabus contains all the main aspects of ophthalmic nursing and eye health care practioners.

Dr. Rozhhalat Xizir Jarjis

Assistant professors