هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

اعتماد NCAAA T4 2020

Course Specifications

Course Title:	Pathology
Course Code:	212 NUR-2
Program:	Bachelor of Science in Nursing
College:	Nursing
Institution:	Jazan University

Table of Contents

A. Course Identification

1. Credit hours: **2 hours**
2. Course type **a.** University ☐ College ☐ Department ☑ Others ☐ **b.** Required ☑ Elective ☐
3. Level/year at which this course is offered: 4th level / 2nd Year
4. Pre-requisites for this course (if any)**:** 211 NUR-6 Physiology
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	**Traditional classroom**		
2	**Blended**	2	100%
3	**E-learning**		
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	30
2	**Laboratory/Studio**	
3	**Tutorial**	
4	**Others** (specify): Self study	30
	Total	60

B. Course Objectives and Learning Outcomes

1. Course Description

This is a required course for all undergraduate second year nursing students. Course content includes general and clinical pathology. The course aims to impart knowledge of pathological changes in organ systems of the human body in response to disease and other stimuli and the relevance of these to diagnosis, management and to the nursing practice.

2. Course Main Objective

Upon completion of this course, students will:

1. Discuss the different terms in pathology.
2. Differentiate general system and clinical pathology.
3. Generate the general pathophysiology of important diseases.
4. Form protocols for common diseases based on pathophysiology, investigations and diagnoses.

5. Incorporate theoretical knowledge in the clinical area especially on the application of the nursing process

3. Course Learning Outcomes

	CLOs	Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Explain the basic nature of disease processes from the standpoint of causation, epidemiology, natural history, and the structural and functional abnormalities.	**K1**
1.2	Discuss the aetiology, clinical picture, diagnosis, complications and nursing management of health problems affecting patients across the life span.	**K1**
1.3	Devise a likely diagnosis from clinical scenarios based on the key manifestations of diseases.	**K2**
2	**Skills:**	
2.1	Apply the basic concepts and principles related to pathology in the nursing practice.	**S1**
2.2	Utilize evidence-based practice by integrating research with clinical practice and patient values to provide optimal patient care.	**S3**
2.3	Practice critical thinking skills to predict the expected diagnosis and necessary nursing interventions.	**S5**
3	**Values:**	
3.1	Comply with academic values, standard, and ethical code of conduct	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to Pathology – Cell Injury and Adaptation	2
2	Acute and chronic inflammation	2
3	Healing and Repair	2
4	Neoplasia	2
5	Hemodynamics disorders	3
6	Anemia	2
7	Vascular diseases; Hypertension	2
8	Cardiac disease	3
9	Respiratory Tract diseases	2
10	Gastrointestinal diseases	2
11	Nervous system diseases	2
12	Endocrine disorders	2
13	Musculoskeletal diseases	2
14	Revision	2
Total		30

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Explain the basic nature of disease processes from the standpoint of causation, epidemiology, natural history, and the structural and functional abnormalities.	1- Lecture-discussions and didactics 2. Computer-aided Instructions (CAI) 3. Problem-Based Learning.	1. Recitation in class. 2. Quizzes 3. Written Exams 4. Case studies 5. Individual and group assignment.
1.2	Discuss the aetiology, clinical picture, diagnosis, complications and nursing management of health problems affecting patients across the life span.		
1.3	Devise likely diagnoses from clinical scenarios based on the key manifestations of diseases.		
2.0	**Skills**		
2.1	Apply the basic concepts and principles related to pathology in nursing practice.	1. Lectures 2. Research project. 3. Student-lead activities 4.Video clips. 5. Small group discussion	Student communication and attitude Peer evaluation Continuous evaluation for performance and attitude. Group discussion. Quizzes Written Exams
2.2	Utilize evidence-based practice by integrating research with clinical practice and patient values to provide optimal patient care.		
2.3	Practice critical thinking skills to predict the expected diagnosis and necessary nursing interventions.		
3.0	**Values**		
3.1	Comply to academic values, standard, and ethical code of conduct	1. Case analysis 2. Research project development. 3. Conversational dyads/groups 4. Small group discussion	Student communication and attitude Continuous evaluation for performance and attitude.

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Short assessment	4th week	10%
2	Midterm exam	9th week	25%
3	Assignment	6th – 8th	10%
4	Attendance & participation	1st to 15th week	5%
5	Final Theory Exam	16th week	50%

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

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

All faculty members are available for face-to-face consultations with students 2hrs/ week and 2hrs/ week for academic advice

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	• Kumar, V., Abbas, A.K., Aster, J.C. *Robins and Cotran: Pathologic basis of disease.* (10th ed.), 2020 Elsevier
Essential References Materials	• Kumar,V., Abbas A.K., Aster, J.C. (2017). Robbins Basic Pathology. (10th ed.) • Purnima S Rao, P. S. &Rao, S.T. (2016). Textbook of Pathology & Genetics for Nursing. (2nded.). Emmess Medical Publishers.
Electronic Materials	• Pathpedia Global Online Pathology Resource - http://www.pathpedia.com/Default.aspx • Pathology Links - http://pathologylinks.com/ • The Internet Pathology Laboratory for Medical Education - http://library.med.utah.edu/WebPath/webpath.html • Saudi Digital Library
Other Learning Materials	• Pathology—Laboratory Services, Policies, and Procedures: http://d2xk4h2me8pjt2.cloudfront.net/webjc/attachments/104/59eaba1-pathology-laboratory-services-policies-and-procedures.pdf • Guidelines on Nurse and Midwife Initiated Diagnostic Investigations: http://www.nswnma.asn.au/wp-content/uploads/2013/07/Guidelines-on-Nurse-and-Midwife-Initiated-Diagnostic-Investigations.pdf

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classroom with 60 student capacity, equipped with traditional and smart resources.
Technology Resources (AV, data show, Smart Board, software, etc.)	Computer lab. Blackboard software, Online connection, etc. Smart Board with ICT software and internet connection in the classrooms; audio speakers for voice amplification and audio streaming; lapel and handheld microphones for teacher and students.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Pathology textbooks and learning resources Digital library

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	Indirect (survey)
Extent of achievement of course learning outcomes	Faculty member	Direct
Course content assessment	Student	Indirect (survey)
Quality of learning resources	Students	Indirect (survey)
Instructor Assessment	Students	Indirect (survey)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	