هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

2023
TP-153

Course Specification
(Bachelor)

Course Title:	Pathology
Course Code:	NUR26224
Program:	Bachelor Nursing Science
Department:	Nursing
College:	Applied Medical Sciences
Institution:	University of Bisha
Version:	6
Last Revision Date:	20 August 2023

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A. General information about the course:

1. Course Identification

1. Credit hours: (2+0)					
2. Course type					
A.	☐ University	☐ College	☒ Department	☐ Track	☐ Others
B.	☒ Required		☐ Elective		
3. Level/year at which this course is offered: (level 3- 2nd year)					
4. Course general Description:					
This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in practice of nursing					
5. Pre-requirements for this course (if any)**:**					
NA					
6. Co-requirements for this course (if any)**:**					
NA					
7. Course Main Objective(s):					
To provide nursing students with the principle concepts of basic pathology related to nursing practices in the clinical area					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	25	83.3%
2	E-learning	5	16.7%
3	Hybrid • Traditional classroom • E-learning		
4	Distance learning		

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3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	25
2.	**Laboratory/Studio**	
3.	**Field**	
4.	**ELearning**	5
5.	**Self based Learning**	45
Total		75

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Demonstrate understanding of medical knowledge on pathology to identify the different illness.	**K2**	Interactive lectures, Pre lecture assignments	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group
1.2	Identify the sign and symptoms of various diseases and their important characteristic features.	**K2**	Interactive lectures, Pre lecture assignments NCLEX questions	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group
1.3	Recall the important histological features of various disease conditions.	**K2**	Interactive lectures, Pre lecture assignment	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group

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Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.0	**Skills**			
2.1	Analyze findings of various diseases, Correlate interrelations between histologic, clinical features and diagnose them.	**S1**	Interactive lectures, Pre lecture assignments NCLEX questions	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group
2.2	Explain the etiopathogenesis of diseases and correlate them with the clinical sign and symptoms and different diagnostic tests	**S2**	Interactive lectures, NCLEX questions	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group
2.3	Continuously evaluate the different tests according to changing needs and circumstances.	**S3**	Interactive lectures, Pre lecture assignment	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group
2.4	Communicate professionally through using digital information and advanced communication technology with the health team members and patients	**S4**	Interactive lectures, Pre lecture assignment	Written test Oral test Electronic quiz & Quiz E-Individual Assignment Oral presentation-Group
3.0	**Values, autonomy, and responsibility**			
3.1	Take responsibility for lifelong learning, reflective practice and professional	**V1**	Group Discussion Self-directed learning	Oral presentation - Group Individual assignment

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Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	development related to pathology		Team based learning	
3.2	Committed to promote health and for patients and families regardless of age, gender, race, disability, creed or culture	**V2**	Group Discussion Team based learning Self-directed learning	Oral presentation - Group Individual assignment

C. Course Content

No	List of Topics	Contact Hours
1.	Introduction to Pathology	2
2.	Cell injury, cell death, and adaptations	2
3.	Inflammation and repair	4
4.	Neoplasia	2
5.	Genetics and pediatrics disorders	4
6.	Environmental and nutritional diseases	2
7.	Hemodynamic disorders, thromboembolism, and shock	2
8.	Diseases of the immune system	2
9.	Diseases of Gastrointestinal system	2
10.	Disorders of male and female genital system and lower urinary tract	2
11.	Diseases of respiratory system	2
12.	Diseases of nervous system	2
13.	Diseases of cardiovascular system	2
Total		**30**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous assessment		30%
1.1	Electronic quiz	3rd	10
1.2	Quiz	5th	5
1.3	Individual assignment	9th	5
1.4	Oral presentation - Group	11th	5

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No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.5	Oral test	13th	5
2	Mid exam (written test)	7th	20%
3	Final exam (written test)	16th	50%
	Total		100%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	1-Robbins & Cotran .Pathologic Basis of Disease . 9th Edition,(2020). 2- Vinay Kumar, Abul Abbas, Jon Aster. Robbins Basic Pathology. 10th Edition,(2017) 3-Zneimer, S. Cytogenetic Abnormalities: Chromosomal, FISH, and Microarray-Based Clinical Reporting and Interpretation of Result. John Wiley & Sons, 2014.
Supportive References	1- Harsh Mohan. Practical Pathology .4th Edition,(2016) 2- Kumar, Vinay, et al. Robbins and Cotran pathologic basis of disease. Elsevier Health Sciences, 2014
Electronic Materials	1- http://ajp.amjpathol.org/ 2-https://tissuepathology.com/ 3-https://www.nature.com/modpathol 4-https://digitalpathologyassociation.org/ 5-https://www.medscape.com/pathology 6-https://www.pathologyoutlines.com/ 7-Blackboard &Archives of Pathology & Laboratory Medicine
Other Learning Materials	**Saudi Digital library**

2. Required Facilities and equipment

Items	Resources
Facilities	**Classrooms, laboratories, exhibition rooms, simulation rooms, etc.**
Technology equipment	**Projector, smart board, software**
Other equipment	**Pathology Lab materials**

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F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Students GPA	Direct / indirect Direct
Effectiveness of Students assessment	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee	Direct / indirect
Quality of learning resources	Program Leaders Peer Reviewer Students Faculty PLOs assessment committee	
The extent to which CLOs have been achieved	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee Students Results	Direct / Indirect
Other		

G. Specification Approval

COUNCIL /COMMITTEE	**DEPARTMENT COUNCIL**
REFERENCE NO.	**1/44/45**
DATE	**21-8-2023**

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