

Course Specifications

Course Title:	PHYSIOLOGY
Course Code:	211NUR-2
Program:	NURSING
Department:	NURSING
College:	NURSING COLLEGE
Institution:	JAZAN UNIVERSITY

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A. Course Identification

1. Credit hours:3			
2. Course type			
a.	University	jazan	College
		nursing	Department
		nursing	Others
b.	Required		Elective
3. Level/year at which this course is offered:			
3-rd level			
4. Pre-requisites for this course (if any):			
105-BIO			
5. Co-requisites for this course (if any):			

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	4	%100
2	Blended		
3	E-learning		
4	Correspondence		
5	Other		

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	2
2	Laboratory/Studio	
3	Tutorial	
4	Others (assignments)	
	Total	2
Other Learning Hours*		
1	Study	5
2	Assignments	2
3	Library	
4	Projects/Research Essays/Theses	
5	Others (specify)	
	Total	7

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

It is required for all undergraduate nursing students; it designed to provide general knowledge, mechanisms of normal body functions thus help to develop clinical practices .

2. Course Main Objective

This course is a foundation of all courses for nursing students. It aims to introduce the students to the physiological concepts of homeostasis and control mechanisms and functions of all body systems with emphasis on clinical relevance .

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge:	
1.1	Demonstrate scientific knowledge to analyze and articulate theories, concepts, principles, and skills for nursing education to guide nursing practices with different health problems.	K1
1.2	Describe the principles and concepts of culturally appropriate nursing care that are tailored to diverse populations with emphasis on policy, ethical and legal implications.	K2
1.3	Utilize best evidence-based knowledge and technological advances, regarding alteration in health, to guide action, which promotes and maintain patient-centered care.	S1
1...		
2	Skills :	
2.1	Evaluating of all care delivered, and change or suggest changes in plans for care as appropriate.	C1
2.2	Analyzing knowledge and methods drawn from a variety of disciplines related to the nursing field to inform decision-making.	C2
2.3	applying and identifying appropriate knowledge to investigate and plan to meet the healthcare needs of patients and clients	S2
2...		
3	Competence:	
3.1		
3.2	Implementing standard nursing care by utilizing theory and evidence-based nursing interventions..	K1
3.3	Demonstrate effective leadership and managerial skills in the provision of holistic care for clients and the promotion of quality of work-life for co-workers.	K2
3...		

C. Course Content

	List of Topics	Contact Hours
	Introduction to physiology	
	Homeostasis and Cell organelles	
	Hematology	
	Autonomic nervous system	
	Nerve and muscle	
	Cardiovascular system	
	Respiratory system	
	Central nervous system	
	GIT system	
	Renal system	
	Endocrine system	
	Special senses	
	Revision	
	final exams	
	TOTAL	45

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		
1.1	Demonstrate scientific knowledge to analyze and articulate theories, concepts, principles, and skills for nursing education to guide nursing practices with different health problems.	1. Lecture-discussions and didactics 2. Computer-aided Instructions (CAI) 3. Problem-Based Learning.	1. Recitation in class. 2. Quizzes 3. Periodical Examinations 4. Practical examination 6. Individual and

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
		4. Student-Lead Activities. 5-Data show Presentation.	group requirements. 7- MCQs. 8- Short answer
1.2	Describe the principles and concepts of culturally appropriate nursing care that are tailored to diverse populations with emphasis on policy, ethical and legal implications.		
...	Utilize best evidence-based knowledge and technological advances, regarding alteration in health, to guide action, which promotes and maintain patient-centered care.		
2.0	Skills		
2.1	Evaluating of all care delivered, and change or suggest changes in plans for care as appropriate.		
2.2	Analyzing knowledge and methods drawn from a variety of disciplines related to the nursing field to inform decision-making.		
...	applying and identifying appropriate knowledge to investigate and plan to meet the healthcare needs of patients and clients		
3.0	Competence		
3.1	Demonstrate effective leadership and managerial skills in the provision of holistic care for clients and the promotion of quality of work-life for co-workers.		
3.2	Implementing standard nursing care by utilizing theory and evidence-based nursing interventions..	<ul style="list-style-type: none"> • Use of Audiovisual aids, to demonstrate skills/procedures 2. Guided practice for the students 3. Use of low to high fidelity simulation 4. Equipped and functional nursing laboratories for demonstrations and return demonstrations 	Use of rubrics for communication skills assessed in the clinical.
...			

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	MID TERM EXAM THEORY	WEEK4	25%
2	PARTICIPATION	WEEK10	5%
3	ASSIGNMENT	WEEK10	10%
4	SHORT ASSESSMENT	WEEK 8	10%
5	FINAL EXAM THEORY	WEEK15	50%
6			
7			
8			

*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 :

Scheduled office hours arranged for individual consultation - 5 hours; academic advice – 2 hours

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ganong's text book –A review of medical physiology -23 edition Ross and Wilson, anatomy and physiology in health and illness by Kathren J.W.
Essential References Materials	The journal of physiology- Wiely online- volume 595 issue 1 - 2017
Electronic Materials	Medicare website
Other Learning Materials	Guyton and Hall ,text book of medical physiology.13-edition E- medicine , physiology notes

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Lecture rooms (for 150 – 200 students per semester)
Technology Resources (AV, data show, Smart Board, software, 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)	Textbooks and learning resources Basic laboratory to demonstrate clinical assessment & laboratory testing Lab demonstrators

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Students' course evaluation questionnaire Continuing feedback from students during the semester	Students' teaching evaluation questionnaire	Questionnaire
Peer evaluation of the instructor by the Department	Quality of learning resources	Direct
Updating the course curriculum	Program Coordinator	Direct
Department committee to revise sample of randomly selected exams Analysis of examination report (grade – maximum, minimum, average, mode, median) Periodic exchange of course material with staff at other institutions	Peer reviewer	Direct

Evaluation Areas/Issues	Evaluators	Evaluation Methods

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	.Program Assessment Committee/ Consultant of Quality Committee.
Reference No.	
Date	20/12/2019