

نموذج
توصيف مقرر دراسي
بناء على المعايير الأكاديمية المبنية على الكفايات
ابريل 2017 (لايحه قديمه)

جامعة: بنها

كلية: التمريض

قسم: تمريض باطني جراحي- كلية التمريض- جامعة بنها

تاريخ اعتماد التوصيف: مجلس الكلية جلسه رقم (170) بتاريخ ١١ / ٩ / ٢٠٢٤

١ - بيانات المقرر:

الرمز الكودي: NUR 111	اسم المقرر: اساسيات التمريض (نظري)	الفرقة / المستوى:
	Fundamentals of Nursing (theoretical)	First year - 1 st semester
التخصص: بكالوريوس في علوم التمريض	عدد الساعات عدد الساعات التدريسية:	
Bachelor Degree in Nursing Science	Theory (4) hours × 15 weeks = 60 hours Practice (12) hours × 15 week = 180 hours	

2 - Aim of the course:

This course introduces nursing students to basic concepts, skills required with emphasis, on fundamental of medical surgical nursing to meet the needs of individuals through the life /legal/and ethical manner using the nursing process.

3-Course specification based on competency:

Domain No.1: Professional and ethical practice

توصيف المقرر المبني على الكفايات

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1 Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.1 Demonstrate understanding of the legislative framework and the role of the nurse and its regulatory functions.	-Principles of health and illness.	1.1.1.1 Differentiate the internal and external variables affecting health and illness behavior	-Interactive Lecture -Blended learning -Electronic learning	- Power point presentation	- Final electronic written exam - Final oral exam. - Semester work
			1.1.1.2 Discuss individual health and wellbeing in relation to being fit for practice	-Interactive Lecture -Blended learning -Electronic learning	- Power point presentation	- Final electronic written exam - Final oral exam. - Semester work
			1.1.1.3 Discriminate between primary, secondary and tertiary levels of illness	-Interactive Lecture -Blended learning -Electronic learning	- Power point presentation	- Final electronic written exam - Final oral exam. - Semester work
		- Basic human needs.	1.1.1.4 Describe Maslow hierarchy to prioritize needs for care of diverse patients	-Interactive Lecture -Blended learning -Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam.
			1.1.1.5- Explain appropriate nursing activities skillfully in accordance with basic patient needs	-Interactive Lecture -Blended learning -Electronic learning	- Power point presentation	- Final electronic written exam - Final oral exam. - Semester work

معمدة

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1 Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.1 Demonstrate understanding of the legislative framework and the role of the nurse and its regulatory functions.	- Introduction about historical evolution of professional nursing practice and responsibility	1.1.1.6 Discuss creative thinking of legislative framework and nursing responsibility while caring for patient.	-Interactive Lecture -Blended learning -Electronic learning	- Power point presentation	Final electronic written exam Final oral exam. Semester work
		- Proper health assessment, physical and diagnostic examination.	1.1.1.7Distinguish between normal and abnormal assessment finding.	-Interactive Lecture -Blended learning -Electronic learning	- Power point presentation	Final electronic written exam Final oral exam. Semester work

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	1.1.2 Apply value statements in nurse code of ethics and professional conduct for ethical decision making	- Evidence base practice (ethical and legal issues).	1.1.2.1 Explain ethical principles in fundamentals of nursing for providing evidence practice and nursing care	-Blended learning -Interactive lectures -Electronic learning	-Power point presentation	- Final electronic written exam Final oral exam. Semester work
		-The nurses' role in health quality and patient safety.	1.1.2.2 Clarify the competencies of nursing activities with best evidence-based practice.	-Blended learning -Interactive lectures - Electronic learning	-Power point presentation	- Final electronic written exam Final oral exam. Semester work
		- Communication, documentations and informatics.	1.1.2.3 Apply rules and regulations for documentation methods of reporting patients' data.	Blended learning Interactive lectures Electronic learning	-Power point presentation	- Final electronic written exam - Final oral exam. - Semester work
		- Nursing process	1.1.2.4 Discuss important components of nursing process.	-Blended learning -Interactive lectures - Electronic learning	-Power point presentation	- Final electronic written exam - Final oral exam. - Semester work

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	1.1.3 practice nursing in accordance with institutional /national legislation, policies and procedural guidelines considering patient right	- Medications administration	1.1.3.1 List principles of drugs administrations according to 12 rights	-Blended learning -Interactive lectures -Electronic learning	Power point presentation	- Final electronic written exam - Final oral exam - Semester work.
			1.1.3.2 Identify ethical and legal principles of patients rights autonomy and privacy in accordance with institutional policies	-Blended learning -Interactive lectures -Electronic learning	Power point presentation	- Final electronic written exam - Final oral exam - Semester work.
		Asepsis and infection control.	1.1.3.3 Explain principles of aseptic technique during nursing practice and patient care.	-Blended learning -Interactive lectures -Electronic learning	Power point presentation	- Final electronic written exam - Final oral exam. - Semester work
			1.1.3.4 Discuss role of infection control committee	-Blended learning -Interactive lectures -Electronic learning	Power point presentation	- Final electronic written exam - Final oral exam. - Semester work
		-Health assessment, physical and diagnostic examinations	1.1.3.5 Distinguish between nursing role before, during and after diagnostic testing.	-Blended learning -Interactive lectures -Electronic learning	Power point presentation	- Final electronic written exam - Final oral exam. - Semester work

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	1.1.3 practice nursing in accordance with institutional /national legislation, policies and procedural guidelines considering patient right	- Mobility and activity	1.1.3.7 implement appropriate nursing care skillfully in accordance with different patient health needs.	-Blended learning -Interactive lectures -Electronic learning	-Power point presentation	-Final electronic written exam - Final oral exam. Semester work
		- Personal hygiene. -.	1.1.3.8 Demonstrate principles for proper personal hygiene.	Blended learning Interactive lectures Electronic learning	-Power point presentation	-Final electronic written exam Final oral exam. Semester work
		- Fluid and electrolytes balance	1.1.3.9 Differentiate between fluid and electrolytes balance and imbalance	-Blended learning -Interactive lectures - Electronic learning	-Power point presentation	-Final electronic written exam Final oral exam. Semester work
		- Nutrition	1.1.3.10 Determine components of ideal diet according to each patient health status	-Blended learning -Interactive lectures - Electronic learning	-Power point presentation	-Final electronic written exam Final oral exam. Semester work

معمدة

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	1.1.4 Demonstrate responsibility and accountability for care within the scope of professional and practical level of competence	-Nursing process (NursingAssessmen)	1.1.4.1 Discuss steps of nursing process.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam - Final oral exam . Semester work
		Evidence base practice	1.1.4.2Use nursing competencies with best evidence- based practices to improve health care.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam Final oral exam. Semester work

DOMAIN NO2: Holistic patients/clients care

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
2.1 Provide holistic and evidence-based nursing care in different practice settings.	2.1.1. conduct holistic and focused on bio- psychosocial and environmental assessment of health and illness in divers setting.	- Rest and Sleep.	2.1.1.1 Design nursing care plan required for patient comfort.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam - Final oral exam.
		- Nursing assessment with different health problems (Nursing process)	2.1.1.2 Illustrate holistic patient care according their needs across life span.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam Semester work - Final oral exam.
			2.1.1.3 Create nursing process framework to individuals in holistic patient care needs.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam Final oral exam. Semester work
			2.1.1.4 Construct appropriate nursing care planning for patients with different health problems.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam Semester work - Final oral exam.

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
	2.1.1. conduct holistic and focused on bio- psychosocial and environmental assessment of health and illness in divers setting.	- Evidence base practice.	2.1.1.5 Design assessment practice based on evidence.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam -Final oral exam. Semester work
			2.1.1.6 Use problem solving approach to clinical decision making that integrates the best research evidence.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam - Semester work Final oral exam.
		- Health assessment, physical and diagnostic examinations.	2.1.1.7 Illustrate appropriate parameters for assessment of patients from head to toes.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam - Final oral exam.
		- Historical evolution of professional nursing practice and responsibilities.	2.1.1.8 Integrate creative thinking into nursing responsibilities while caring for diverse patients.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam -Semester work Final oral exam.
		- Nutrition.	2.1.1.9 Develop appropriate nursing care plan to maintain adequate patient's nutrition.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam - Semesterwork Final oral exam.

DOMAIN NO 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
4.1 Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.2. Use different source of data related to competency standards of practice and patient care.	- Communication, documentations and informatics.	4.1.2.1 Implement technology in recording and reporting of various patients' information regarding fundamental nursing skills.	- Blended learning Interactive lectures - Electronic learning	Power point presentation	Final electronic written exam - Final oral exam.
		-Application of nursing informatics.	4.1.2.2 Use internet and information technology as a mean of communication and sharing knowledge.	Blended learning Interactive lectures Electronic learning	Power point presentation	Final electronic written exam - Semesterwork Final oral exam.

DOMAIN NO5: Inter-professional communication

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
5.1 Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.	5.1.1 Maintain inter-professional collaboration, in a variety of settings to maximize health outcomes for the patients, families and communities	Communication	5.1.1.1 Discuss importance of communication skills in inter-professional, social and therapeutic context	Blended learning Interactive lectures Electronic learning	Power point presentation	-Final electronic written exam - Final oral exam. Semester work
			5.1.1.2 Use effective communication skills in plan of patient care and education.	- Blended learning Interactive lectures Electronic learning	Power point presentation	-Final electronic written exam Semester work - Final oral exam.
			5.1.1.3 Explain methods of effective, accurate and safe communication using situation, background and assessment.	- Blended learning Interactive lectures Electronic learning	Power point presentation	-Final electronic written exam - Final oral exam. Semester work

4 محتوى المقرر: Course Contents	
Theoretical Part	عدد الساعات التدريسية لكل محاضرة
Unit I: Professional nursing and health care environment_	4 hours
1. Historical evolution of professional nursing practice and responsibilities.	4 hours
2. The nurses' role in health quality and patient safety.	4 hours
3. Nursing research and evidence base practice (ethical and legal issues).	2 hours
4. Health and illness.	2 hours
5. Basic human needs.	
Unit II: Introduction to critical thinking and nursing Practice	2 hours
1. Nursing process (nursing assessment).	2 hours
2. Communication, documentations and informatics.	
Unit III: Clinical care safety and competency_	2 hours
1. Medications administration.	4 hours
2. Vital signs.	4 hours
3. Asepsis and infection control	4 hours
4. Health assessment, physical and diagnostic examinations.	2 hours
Unit IV: Physiological bases for nursing Practice	4hours
1. Oxygenation.	4 hours
2. Urinary and bowel elimination.	4 hours
3. Fluid and electrolytes balance.	4 hours
4. Mobility, activities and exercise.	4 hours
5. Nutrition.	4 hours
6. Personal hygiene.	4 hours
7. Rest and Sleep.	4 hours
Total hours	60 hours

معتمدة

1. Interactive Lecture 2. Electronic learning 3. Blended learning	5-أساليب التعليم والتعلم: Teaching and Learning Methods
We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students: - Activate academic supervision to solve students' problem. - The teaching academic members support the weakened students through library hours. - Revision lectures and scientific lessons to all students especially defaulting students. - Make routine exams to early discover the weakened students. (quizzes).	6-أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة Teaching and Learning Methods of Disables
7- تقويم الطالب: Students Assessment	
• Final electronic written exam. • Final oral exam.	أ-الاساليب المستخدمة Used Methods
• Seasonal work periodical • Final practical exam. 14th week • Final oral exam. 15th week • Final electronic written exam. 16th week • 16th week	ب-التوقيت: time
- Seasonal work 80 - Final practical examination 20 - Final oral examination 20 - Final written examination 80 Total 200	ج-توزيع الدرجات: Marks distribution

List of references	8- قائمة الكتب الدراسية والمراجع
Abdel aziz, A. (2024): Electronic handout (C.D) for Fundamentals of Nursing, 1 st year, Faculty of Nursing, Benha University.	أ- مذكرات Course note
• Rebeiro, G., Jack, L., Scully, N. and Wilson, D. (2023): Fundamentals of Nursing: Clinical Skills Workbook, 3rd (ed.). Elsevir co, Australia • Resource Centre . (2023): Urine Specimens – an overview of collection methods, collection devices, specimen handling and transportation. Available @ http://www.specimencare.com/main.aspx?cat=711&id=6235. • Wilkinson, J.M., and Treas, L.S. (2024): Fundamentals of Nursing - Volume 2: Thinking, Doing, and Caring, 4th (ed.). F.A Davis co, USA.	ب- كتب ملزمة Required Books (Text Books)
Potter, P.A., Perry, A.G., Stockert, P., Hall, A., and Peterson, V. (2024): Clinical Companion for Fundamentals of Nursing: Just the Facts, (9 th ed.). mosby co., USA	ج- كتب مقترحة Recommended Books
e-learning.bu.edu.eg http:// www.RN.com http:// www.enursing.com http://www.cdc.gov/ http://cms.nelc.edu.eg	Periodicals, web sites

رئيس مجلس القسم العلمي
17/9/2024

متسق المقرر
17/9/2024

نموذج

توصيف مقرر دراسي

بناء على المعايير الأكاديمية

المبنية على الكفايات ابريل

2017

جامعة : بنها

كلية: التمريض

قسم: التشريح - كلية الطب- جامعة بنها

تاريخ اعتماد التوصيف : 2024/9/11

1- بيانات المقرر

الرمز الكودي: MED112	اسم المقرر: Anatomy	المستوي/الفصل الدراسي 2 nd First year/ semester
التخصص: Bachelor Degree in Nursing Science	عدد الساعات التدريسية:	Theory 2 hours ×15 weeks Practice 1 hour ×15 weeks

2 - Aim of the course:

The course aims to equip undergraduate students with basic knowledge and skills related to anatomy of various body systems and organs.

3-Course specification based on competency:

توصيف المقرر المبني على الكفايات

Domain No.1: Professional and ethical practice:

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1. 1 Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.2 Apply value statements in nurses code of ethics and professional conduct for ethical decision making	Introduction	1.1.2.1 Use the ethical and legal responsibilities while dealing with human body	Interactive Lecture Discussion Electronic learning	Power point presentation	Final electronic written exam Final oral exam
			1.1.2.2 Mention the basic ethical and medico legal principles relevant to anatomy.	Educational video Blended learning Electronic learning	Power point presentation	Final electronic written exam Final oral exam
	1.1.3 Practice nursing accordance with institutional /national legislation polices and procedural	Introduction	1.1.3.1 within the scope and limits of their role as students when dealing with anatomical structure of human body	Simulation Role play Educational video	Power point presentation Educational videos	Final practical exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	guidelines considering patients /clients rights.					
		Nervous system	1.1.3.2. Explain how Communication and support strategies may need to be adapted for people with diseases of the nervous system	Interactive Lecture Discussion Electronic learning	Power point presentation	Final practical exam
	1.1.4 Demonstrate responsibility and accountability for care within the scope of professional and practical level of	-Terms of anatomical position	1.1.4.1 Describe directional terms, anatomical position, and body planes to locate organs and structures in	Educational video Blended learning	Power point presentation	Final practical exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	competence		the human body			
		-Terms of direction	1.1.4.2 Interpret the normal anatomical structures on radiographs and ultrasonography , C.T. scan and nuclear magnetic resonance images.	Interactive Lecture Discussion Critical thinking	Power point presentation	Final practical exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-Mammary Glands	1.1.4.3 Illustrate the anatomical structure of the mammary glands	Educational video Blended learning Electronic learning	Power point presentation	Final electronic written exam Final oral exam Final practical exam
		-Digestive system	1.1.4.4 Build up the competencies with normal structure and function of digestive systems.	Interactive Lecture Discussion Electronic learning	Power point presentation	Final practical exam
		-Joints	1.1.4.5 Apply anatomical range of movement of different body joints	Simulation Role play Educational videos	Power point presentation	Final practical exam
		- Nervous system	1.1.4.6 Illustrate the anatomical structure of the nervous system.	Critical thinking Discussion Simulation	Power point presentation	Final practical exam

Domain No.2: Holistic patients/clients care:

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
2.1 Provide holistic and evidence based nursing care in different practice settings	2.1.1. conduct holistic patients /clients care focused on bio- psychosocial and environmental assessment of health and illness in different setting.	- Terms of direction	2.1.1.1. Define terms of anatomical direction	Interactive Lecture Discussion Electronic learning	Power point presentation	Final electronic written exam Final oral exam
		- Types of anatomical position	2.1.1.2 Describe the basic anatomical positions of human body	Educational video Blended learning Electronic learning	Power point presentation	Final electronic written exam Final oral exam
		-Terms of movements	2.1.1.3 List items of body movements.	Interactive Lecture Discussion	Power point presentation	Final electronic written exam Final oral exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-Skeletal system	2.1.1.4. Classify different skeletal, cardiac	Critical thinking Discussion Electronic learning	Power point presentation	Final written exam Final oral exam
		-Cardio-vascular system	2.1.1.5 Discuss briefly parts of circulation.	Interactive Lecture Cooperative learning	Power point presentation	Final electronic written exam Final oral exam
		Respiratory system	2.1.1.6 Describe structure of respiratory and cardiovascular systems	Educational video Blended learning Electronic learning	Power point presentation	Final electronic written exam Final oral exam
		-Nervous system	2.1.1.7 Explain the term central and autonomic nervous systems	Interactive Lecture Discussion Electronic learning	Power point presentation	Final electronic written exam Final oral exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		Abdominal cavity	2.1.1.8 List abdominal cavity contents.	Educational video Blended learning	Power point presentation	Final written exam Final oral exam
		-Endocrine, Excretory system	2.1.1.9 Summarize anatomical structure of endocrine and excretory system	Cooperative learning Discussion	Power point presentation	Final written exam Final oral exam
		-Genital system	2.1.1.10 Differentiate between genital anatomical structure of male and female.	Cooperative learning Critical thinking Electronic learning	Power point presentation	Final written exam Final oral exam

-Introduction: 1- Terms of anatomical position 2hours 2-Terms of direction 1hours 3- Terms of movements 2hours Skeletal system: Cartilage 2hours Bone 2hours Joints: Structural 1hours 2-Functional 1hours Muscular system: 1-Skeletal 1hours 2-Cardiac 1hour 3-Smooth 1hours V- Nervous system: 1-Neuron 2hours 2-Parts of the nervous system 2hours VI-Cardio-vascular system: 1-Heart 2hours 2-Parts of circulation 2hours 3-Blood vessels 2hours 4-Lymphatic system 2hours Respiratory system 1hour	4- محتوى المقرر: Course Content
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Digestive system: 1hour 1-Digestive tube 2-Digestive organs 1hour Excretory system: Genital system: Male genital system 1hour Female genital system – Endocrine Glands 1hour Mammary Glands 1hour Total of theory hours 30 hours	
1. Interactive Lecture 2. Electronic learning 3. Blended learning	5- أساليب التعليم والتعلم: Teaching and Learning Methods

We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students: Activate academic supervision to solve students' problem. The teaching academic members support the defaulting students through library hours Revision lectures and scientific lessons to all students especially defaulting students	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة: Teaching and Learning Methods of Disables
Teaching and learning methods for excellent students. Motivate the students to participate in available activities as sports, arts, cultures and science. Motivate students to participate in activities directing to community services and environment development . Training students for effective evaluation to teaching learning process through questionnaire	
Students assessment:	
• Final electronic written examination • Final oral examination. • Final practical evaluation	7- تقويم الطلاب: أ- الأساليب المستخدمة: Used methods
-Final practical examination 14th week -Final oral examination 16th week -Final written examination 16th week	ب- التوقيت: Time

● Final practical examination 10 ● Final oral examination 10 ● Final electronic written examination 80 Total 100	ج- توزيع الدرجات : Marks distribution
List of References 8- قائمة الكتب الدراسية والمراجع:	
Eid, A. (2023): Electronic book (CD) of Anatomy, Faculty of Medicine, Benha University.	أ- مذكرات Course note
Ellis, H. and Mahadevan, V. (2023): Clinical Anatomy, 14th edition, John Wely & sons , United Kingdom.	ب- كتب ملزمة Required Books (Text Books)
Carr, K. and Feit, M. (2023): Functional Training Anatomy, Versa Press, United States.	ج- كتب مقترحة Recommended Books
https://medlineplus.gov/anatomy.html https://www.britannica.com/science/anatomy	د- الدوريات و المواقع الالكترونية Periodicals, web sites

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نموذج

توصيف مقرر دراسي

بناء على المعايير الأكاديمية المبنية على الكفايات
ابريل 2017

جامعة: بنها

كلية: التمريض

قسم: الكيمياء - كلية الطب - جامعة بنها

تاريخ اعتماد التوصيف : مجلس الكلية جلسة (170) بتاريخ 2024/9/11

1- بيانات المقرر		
الفرقة/المستوى:	اسم المقرر: كيمياء حيوي	الرمز الكودي: MED111
First Academic Year/ 1 st Semester	Biochemistry	
Theory 2 hours x 15 weeks	عدد الساعات التدريسية:	التخصص:
Practice: 1 hour × 15 weeks		Bachelor Degree in Nursing Science

2 - Aim of the course:

The course provides nursing students with an overview of normal metabolism of the body, description of the integration of biochemical functions, and knowledge about the biochemical bases of diseases that aids in interpretation of symptoms and treatment.

3-Course specification based on competency:

توصيف المقرر المبني على الكفايات

Domain 1- PROFESIONAL AND ETHICAL PRACTICE

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1. COMPETENCY Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.1. Demonstrate understanding of the legislative framework and the role of the nurse and its regulatory functions.	Body Fluids	1.1.1.1 Apply patients' privacy during collection of a specimen of any body fluids	Blended learning Interactive lecture E- learning	Power point presentation	-Final practical exam - Final oral exam -Final electronic written exams
			1.1.1.2. Relate communication skills with patients with a respect for different values, cultures during interpretation of any body fluids Reports	Blended learning Interactive lecture E- learning	Power point presentation	-Final practical exam - Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1. COMPETENCY Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.2. Apply value statements in nurses code of ethics and professional conduct for ethical decision making.	Enzyme Chemistry	1.1.2.1 Utilize ethical considerations during collection of enzyme samples	Blended learning Interactive lecture E- learning	Power point presentation	-Final practical exam - Final oral exam Final electronic written exams
			1.1.2.2. Relate Communication skills with patients with a respect for different values, cultures during interpretation of enzyme reports.	Blended learning Interactive lecture E- learning	- Power point presentation	-Final practical exam - Final oral exam Final electronic written exams

	1.1.3. Practice nursing in accordance with institutional/ national legislations, policies and procedural guidelines considering patient/client rights.	Enzyme Chemistry	1.1.3.1. Discuss the importance of correct identification, and any unique organization or laboratory numbers.	Blended learning Interactive lecture E- learning	-power point presentation	-Final practical exam - Final oral exam -Final electronic written exams
			1.1.3.2. Apply standard operating procedures while dealing with specimens	Blended learning Interactive lecture E- learning	Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
			1.1.3.3. Implement standardized protocols and guidelines during dealing with different body specimen.	Blended learning Interactive lecture E- learning	power point presentation	-Final practical exam - Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1. COMPETENCY Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.3. Practice nursing in accordance with institutional/ national legislations, policies and procedural guidelines considering patient/client rights.	Metabolism & bioenergetics	1.1.3.4. Practice within the scope and limits of their role as students	Power point Blended learning Interactive lecture E- learning	Power point Presentation	-Final practical exam - Final oral exam Final electronic written exams
			1.1.3.5. Recognize the individual's identity and amend any details on their records.	Blended learning Interactive lecture E- learning	Power point Presentation	-Final practical exam - Final oral exam Final electronic written exams
			1.1.3.6. Operate effectively within multidisciplinary team.	Blended learning Interactive lecture E- learning	Power point presentation	-Final practical exam - Final oral exam Final electronic written exams
	1.1.4. Demonstrate responsibility and	(Body Fluids) Synovial fluids Sweat Blood Urine	1.1.4.1 Utilize appropriate personal protection equipment (PPE)	Blended learning Interactive lecture E- learning	Power point presentation	-Final practical exam - Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1. COMPETENCY Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	accountability for care within scope of professional and practical level of competence	C.S.F Pleural fluid	when handling specimens			
			1.1.4.2. Demonstrate the correct collection, labeling and storage of specimens.	Blended learning Interactive lecture E- learning	Power point presentation	-Final practical exam - Final oral exam Final electronic written exams
			1.1.4.3. Perform the standard techniques for storing biomedical specimens and samples.	Blended learning Interactive lecture E- learning	Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
			1.1.4.4. Apply chemical tests to detect abnormal constituents of the urine	Blended learning Interactive lecture E- learning	- Power point presentation	- Final practical exam - Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1. COMPETENCY Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.4. Demonstrate responsibility and accountability for care within scope of professional and practical level of competence	(Body Fluids) Synovial fluids Sweat Blood Urine C.S.F Pleural fluid	1.1.4.5. Utilize differentnew trends in biochemistry for providing evidence nursing care	Blended learning Interactive lecture E- learning	- Power point presentation	-Final practical exam - Final oral exam -Final electronic written exams
			1.1.4.6. Use different methods of sterilizationand disinfection	Blended learning Interactive lecture -E- learning	- Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
			1.1.4.7. Apply aseptictechnique during collection of different specimens	Blended learning Interactive lecture E- learning	Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
			1.1.4.8. Interpret testreport outcomes	Blended learning Interactive lecture E- learning	- Power point presentation	- Final practical exam - Final oral exam Final electronic written exams



Biochemistry

Academic year 2024/2025

First Academic Year, 1st Semester

Domain 2. Holistic patients/clients' care:

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
2.1. COMPETENCY Provide holistic and evidence-based nursing care in different practice settings.	2.1.1. Conduct holistic and focused bio-psychosocial and environmental assessment of health and illness in diverse settings	(Body specimen) Synovial fluids Blood Urine C.S.F Pleural fluid	2.1.1.1. Describe the types of specimen/sample and specimen/sample container used in the laboratory, and those that are needed for each investigation	Blended learning Interactive lecture E- learning	-Power point presentation	Final practical exam Final oral exam Final electronic written exams
			2.1.1.2. Assess the health and safety requirements of the area in which they are carrying out the laboratory	Blended learning Interactive lecture E- learning	Power point presentation	Final practical exam Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
			Activities.			
			2.1.1.3. Describe the risks and hazards associated with the preparation of specimens/ samples, and how these can be minimized	Blended learning Interactive lecture E- learning	Power point presentation	Final practical exam Final oral exam Final electronic written exams
			2.1.1.4. Compare between components of different body fluids	Blended learning Interactive lecture E- learning	Power point presentation	Final practical exam Final oral exam Final electronic written exams
		Metabolism of carbohydrates Metabolism of lipids	2.1.1.5. Categorize metabolic pathways of carbohydrates, lipids, proteins and	Blended learning Interactive lecture E- learning	- Power point presentation	- Final practical exam - Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
		Metabolism of proteins	the site of each one.			
			2.1.1.6. Enumerate the steps and regulatory mechanisms of biochemical nutritional substances	Blended learning Interactive lecture E- learning	Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
			2.1.1.7. Describe micro-nutrients, their biochemical, clinical, importance and deficiency manifestation of each one.	Blended learning Interactive lecture E- learning	- Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
			2.1.1.8. Discuss symptoms & signs of metabolic abnormalities in	Blended learning Interactive lecture E- learning	- Power point presentation	- Final practical exam - Final oral exam Final electronic written exams

Competency	Key elements	Course Subjects	Course objectives	Interactive lecture	Media used	Assessment Methods
			carbohydrates, lipids and proteins			
	2.1.6 Examine evidence that underlie clinical nursing practice to offer new insights to nursing care of patients, families and communities	-Metabolism of carbohydrates -Metabolism of lipids -Metabolism of proteins	2.1.6.1. Illustrate updated and evidence-based knowledge related to biochemistry principles / details into practice	Blended learning Interactive lecture E- learning	Power point presentation	- Final practical exam - Final oral exam Final electronic written exams
		-Body fluids	2.1.6.2. Use best evidence-based practices to manage actual or potential health problems during review the survival needs of the body.	Blended learning Interactive lecture E- learning	Power point presentation	- Final practical exam - Final oral exam Final electronic written exams

• Nutrition Basics (3 hour). • Metabolism & bioenergetics (3 hour). • Chemistry & Metabolism of carbohydrates (4 hour). • Chemistry & Metabolism of lipids (4 hour). • Chemistry & Metabolism of proteins (3 hour). • Vitamins & minerals (3 hour). • Enzyme chemistry (3 hour). • Body fluids (3 hour). Total hours 28 hours	4-محتوى المقرر: Course Content
• Blended learning • Interactive lecture • E- learning	5- أساليب التعليم والتعلم: Teaching and Learning Methods

We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students: Activate academic supervision to solve students' problem. The teaching academic members support the defaulting students through library hours Revision lectures and scientific lessons to all students especially defaulting students	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة: Methods of Teaching and Learning of Disabled students.
Teaching and learning methods for excellent students. Motivate the students to participate in available activities as sports, arts, cultures and science. Motivate students to participate in activities directing to community services and environment development. Training students for effective evaluation to teaching learning process through questionnaire.	7- أساليب التعليم والتعلم للطلاب ذوي القدرات الفائقة: Methods of Teaching and Learning of excellent students.
Students' assessment تقييم الطلاب	
Final practical examination Final oral examination Final electronic written examination	أ- الأساليب المستخدمة: Used methods
• Final practical examination 14th week • Final oral examination 16th week • Final electronic written examination 16th week	ب- التوقيت: Time
Final practical examination 10 • Final oral examination 10	ج- توزيع الدرجات : Marks distribution

•Final electronic written examination	80	
Total	100	
List of References 8- قائمة الكتب الدراسية والمراجع:		
<i>Abdelmaksoud, N. (2024):</i> Electronic handouts (C.D) for biochemistry, Faculty of medicine, Benha university.		أ-مذكرات Course note
<i>Ahern, Rajagopal & Tan., (2024):</i> Biochemistry free for all, Version 1.3, 25- 618.		ب-كتب ملزمة Required Books (Text Books)
<i>ADAMS, J. (2024).</i> Biochemistry Made Easy: An easy-to-read guide on the foundations of biochemistry , ISBN-1.		ج-كتب مقترحة Recommended books
http://www.e-grammar.org/past-simple-continous/ http://www.elearning.edu.eg.com . http://www.ego4u.com/en/cram		د-الدوريات والمواقع الإلكترونية: Periodicals, web sites

رئيس مجلس القسم العلمي

أ. د. / ٩ / ٩

استاذ المادة: د. / ٩ / ٩

نموذج توصيف مقرر دراسي
بناءً على المعايير المبنية على الكفايات
أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: اللغة الإنجليزية – كلية الآداب – جامعة بنها

تاريخ اعتماد التوصيف: جلسة (170) بتاريخ 2024/9/11

1- بيانات مقرر:		
الرمز الكودي: SUP 111	اسم المقرر: لغة إنجليزية (1) English (I)	الفرقة/ المستوى First Academic level/ 1st semester
التخصص: bachelor Degree in Nursing Science	عدد الساعات التدريسية	Theory : (1) hours × 15 weeks Practice:-----

2- Aim of the course: This course aims to equip undergraduate students with the basics of the English language to facilitate students' study.

English (I)

Academic year 2024/2025

First Academic level _1st semester

3- Course specification based on competency:

توصيف المقرر المبني على الكفايات

Domain No. 1: Professional and ethical practice

Competency	Key elements	Course subjects	Subjects objectives	Teaching methods	Media used	Assessment methods
1.1. Demonstrate knowledge understanding responsibility and accountability of the legal obligations for ethical nursing practice .	1.1.4. Demonstrate responsibility and accountability for care within the scope of professional and practical level of competence	Reading comprehension sentences	1.1.4.1. Utilize appropriate medical terminology related to health assessment	- Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
			1.1.4.2. Apply reading skills in different context	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
			1.1.4.3. Identify international references related to common health situations	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
		Dialogue	1.1.4. 4 . Utilize	Blended	PowerPoint	Final oral exam.

English (I)

Academic year 2024/2025

First Academic level _1st semester

Competency	Key elements	Course subjects	Subjects objectives	Teaching methods	Media used	Assessment methods
		practice	different dialogue related to responsibility and accountability of the role of nurse.	learning - Interactive lectures - E-learning	presentation	Final electronic written exam.
		The past simple tense	1.1.4.5.Create phrases using the past simple tense while writing patients reports about past history	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
		The present simple tense	1.1.4.6. Apply phrases using the present simple tense while writing patients reports about current history	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.

Competency	Key elements	Course subjects	Subjects objectives	Teaching methods	Media used	Assessment methods
		The present continuous tense	1.1.4.7. Explain phrases using the present continuous tense	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
		Demonstrative pronouns Relative pronouns Reflexive pronouns	1.1.4.8. Demonstrate phrases by using "pronoun".	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.

Domain No. 4: Informatics and technology

Competency	Key elements	Course subjects	Subjects objectives	Teaching methods	Media used	Assessment methods
4.1. Utilize information technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.2. Apply technology and information management tools to support safe care and evaluate their impact on patient outcomes .	Reading comprehension sentences	4.1.2.1. Apply formation technology that supports nursing practice	- Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
			4.1.2.2. Practice computer effectively as an access for current advances, in international knowledge and practice	Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.

English (I)

Academic year 2024/2025

First Academic level _1st semester

Competency	Key elements	Course subjects	Subjects objectives	Teaching methods	Media used	Assessment methods
4.1. Utilize information technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.3. Evaluate the impact of computerized information management on the role of the nurses in providing holistic patient – center care.	Reading comprehension sentences.	4.1.3.1. Explain the benefit so computerized information management to overcome documentation obstacles.	- Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
			4.1.3.2. Demonstrate information technology to access on- line medical information, and support their education.	- Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.

Domain No. 5 : Inter- professional communication:

Competency	Key elements	Course subjects	Subjects objectives	Teaching methods	Media used	Assessment methods
5.1. Collaborate with colleagues and members of the health care team to facilitate and coordinate care provide for individuals, families and communities	5.1.3. Use standardized communication approach to transfer care responsibilities to other professionals to facilitate transitions across different health care settings.	Dialogue practice	5.1.3.1.Utilize communication skills in inter professional social and therapeutic context.	- Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.
			5.1.3.2. Demonstrate effective communication skills in a classroom that follow respect for others concerning race, religion, and nationality.	- Blended learning - Interactive lectures - E-learning	PowerPoint presentation	Final oral exam. Final electronic written exam.

English (I)

Academic year 2024/2025

First Academic level _1st semester

1. Reading comprehension sentences	2hours	4- محتوى المقرر: course content
2. Dialogue practice	2hours	
3. The past simple tense	2hours	
4. The present simple tense	2hours	
5. The present continuous tense	2hours	
6. Demonstrative pronouns	2 hours	
7. Relative pronouns	2 hours	
8. Reflexive pronouns	1hours	
Total	15 hours	
Blended learning		5- أساليب التعليم والتعلم: Teaching and learning methods
Interactive lectures		
E- learning		
We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:		6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة: Teaching and learning methods of
- Activate academic supervision to solve student's problem.		

- The teaching academic members support the defaulting students through library hours. - Revision lectures to defaulting students.		disables .
Students Assessment		7- تقويم الطالب:
Final oral exam. Final electronic written exam.		أ- الأساليب المستخدمة: Used Methods
Final oral exam	15th week	ب- التوقيت time:
Final electronic written exam.	16th week	
Final oral exam	10	ج- توزيع الدرجات:
Final electronic written exam	40	Marks distribution
Total	50	
List of references:		8- قائمة الكتب الدراسية والمراجع
Samir, B. (2024): Electronic CD for English for nurses, Faculty of Nursing, Benha University.		أ- مذكرات: Course Notes
Hansopaheluwakan, S., Khatimah, K., Merizawati, H., Ferdinandus, A. S., Yahya, M., Hardiany, D. R., & Haryani, H. (2024): English Grammar: A		ب- كتب ملزمة:
		Required Books (Text Books)

Complete Guide for Beginners. PT. Sonpedia Publishing Indonesia. 5(1), 50-52.	
Astuti, R. B. (2024): Tenses usage in Bear's Magic Moon Story Book. Journal Sosial Humaniora dan Pendidikan, 3(1), 56-62.	ج- كتب مقترحة: Recommended Books
https://www.allthingsgrammar.com/present-continuous. http://www.elearning.edu.eg.com. http://www.gingersoftware.com/content/grammar-rules/demonstrative-pronouns. https:// cms.nelc.ed.eg.	Periodicals, web sites

رئيس مجلس القسم العلمي:!.....
 منسق المقرر:
 ٢٠٢٤ / ٩ / ٩

نموذج

توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: كل الأقسام العلمية بالكلية بالتناوب

تاريخ اعتماد التوصيف: مجلس الكلية جلسة (170) بتاريخ 2024/9/11

1- بيانات المقرر:

الرمز: NUR124 الكودي	اسم المقرر : Health Assessment تقييم صحي	المستوى/الفصل الدراسي: First year/second semester
التخصص: Bachelor degree in nursing science	عدد الساعات التدريسية:	Theory (2 hours) ×15 weeks

2-Aim of the course: The course aims to providing students with the information and skills necessary for a comprehensive assessment of individuals' health status, mastering their medical history, and mastering the clinical examination of the body's various systems.

3-Course specification based on competency:

Domain No. 1: Professional and ethical practice

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1.1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.1 Demonstrate understanding of the legislative framework and the role of the nurse and its regulatory functions.	- Health assessment.	1.1.1.1 Explain different types of health assessment.	- Blended learning - Interactive lectures - Electronic learning	Power point Presentation	-Final electronic written exam -Final oral exam
		- Validity data	1.1.1.2 Discuss different type of data validity.	- Blended learning - Interactive lectures - Electronic learning	Power point Presentation	-Final electronic written exam -Final oral exam
		- Health History.	1.1.1.3 List key findings in a complete health history and physical examination.	- Blended learning - Interactive lectures - Electronic learning	Power point Presentation	-Final electronic written exam -Final oral exam
		- Visual Health assessment	1.1.1.4 Differentiate between different health assessments techniques.	- Blended learning - Interactive lectures - Electronic learning	Power point Presentation	-Final electronic written exam -Final oral exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1. 1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.1 Demonstrate understanding of the legislative framework and the role of the nurse and its regulatory functions.	- Technique for Physical Assessment	1.1.1.5 Compare between normal and abnormal Glasgow coma scale.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic Written exam -final oral exam
			1.1.1.6 Differentiate between different health assessments techniques.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic Written exam - final oral exam
1. 1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.2 Apply value statement in nurses' code of ethics and professional conduct for ethical decision making	- Health assessment.	1.1.2.1 Identify standardized nursing care within professional responsibility in health assessment of human body.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic Written exam - final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
1.1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.2 Apply value statement in nurses' code of ethics and professional conduct for ethical decision making	- Health assessment.	1.1.2.2 Recognize professional responsibility and respect the compliance to work through systems.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - final oral exam
		- visual health assessment	1.1.2.3 Recall accountability and professional behavior in the classroom.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - final oral exam
		Documentation	1.1.2.4 Integrate value statement in nursing ethics in different physical examination practice situations.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
1.1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.2 Apply value statement in nurses' code of ethics and professional conduct for ethical decision making	Documentation.	1.1.2.5 Use ethical principles as justice, beneficence, fidelity, and autonomy and privacy while perform a complete history and physical examination	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam -Final oral exam
	1.1.3 Practice nursing in accordance with institutional/national legislation, policies, and procedural guidelines, considering patient/client rights.	- Techniques for Health assessment	1.1.3.1 List different instruments used in health assessment.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam -Final oral exam
		- Health History.	1.1.3.2 Utilize health history findings to guide physical examination.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam -Final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
1.1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.3 Practice nursing in accordance with institutional/national legislation, policies, and procedural guidelines, considering patient/client rights.	techniques of physical assessment - Inspection - Palpation - Percussion - Auscultation - Interpretation	1.1.3.3 Differentiate between different techniques of physical assessment (Inspection, palpation, percussion, auscultation).	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam -Final oral exam
			1.1.3.4 Enumerate principles of nursing assessment.	- Blended learning - Interactive lectures - Electronic learning		-Final electronic written exam - Final oral exam
			1.1.3.5 Identify the abnormal breathing sounds.	- Blended learning - Interactive lectures - Electronic learning		-Final electronic written exam - Final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
1.1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice.	1.1.3 Practice nursing in accordance with institutional/national legislation, policies, and procedural guidelines, considering patient/client rights.	General survey	1.1.3.6 Differentiate between interviewing techniques.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
	1.1.4 Demonstrate responsibility and accountability for care within the scope of professional and practical level of competence.	-body system assessment	1.1.4.1 List the competencies with an overview of normal structure and function of the body and major systems.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
		General survey.	1.1.4.2 Discuss general inspection and survey.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
1.1 - Demonstrate knowledge, understanding, responsibility, and accountability of the legal obligations for ethical nursing practice	1.1.4 Demonstrate responsibility and accountability for care within the scope of professional and practical level of competence.	-health assessment	1.1.4.3 Explain briefly health assessment.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam
		- Techniques for Health assessment	1.1.4.4 Illustrate responsibility in providing nursing care during patient assessment.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam
2.1 - Provide holistic and evidence-based nursing care in different practice settings.	2.1.1 Conduct holistic and focused bio psychosocial and environmental assessment of health and illness in diverse settings.	- Health history.	2.1.1.1 Determine health history findings to guide health history findings to guide physical examination.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
2.1 - Provide holistic and evidence-based nursing care in different practice settings.	2.1.1 Conduct holistic and focused bio psychosocial and environmental assessment of health and illness in diverse settings.	- Validity data.	2.1.1.2 Document actual or potential health problems during review the survival needs of the body.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
		- visual health assessment	2.1.1.3 Recall patient classification system based on holistic assessment for patient.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
	2.1.2 Provide holistic nursing care that addresses the needs of individuals, families, and communities across the life span.	health assessment.	2.1.2.1 Employ legal and ethical considerations of health assessment.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
2.1 - Provide holistic and evidence-based nursing care in different practice settings.	2.1.2 Provide holistic nursing care that addresses the needs of individuals, families, and communities across the life span.	- Body system assessment	2.1.2.2 Implement safety guidelines in the performance of nursing practical skills.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam
			2.1.2.3 Differentiate between basic assessment skills.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam
			2.1.2.4 Practice holistic care during patient's health assessment in different settings.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam
2.2 - Provide health education based on the needs/problems of the patient/client within a nursing framework.	2.2.5 Communicate health information and coordinate health education/promotion activities effectively according to patient/client needs	Technique for physical Assessment	2.2.5.1 Identify the nurse's role in performing systematic health assessment.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	- Final electronic written exam - Final oral exam

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
2.2 - Provide health education based on the needs/problems of the patient/client within a nursing framework.	2.2.5 Communicate health information and coordinate health education/promotion activities effectively according to patient/client needs.	Technique for physical Assessment	2.2.5.1 Identify the nurse's role in performing systematic health assessment.	Blended learning Interactive lectures Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
			2.2.5.2 List the assessment of the musculoskeletal system	Blended learning Interactive lectures Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
3.1 - Demonstrate effective managerial and leadership skills in the provision of quality nursing care.	3.1.1 Apply leadership skills to manage personnel to maximize health, independence, and quality of life for individuals, families, and communities.	Technique for physical Assessment	3.1.1.1 Identify the nurses' role in performing systematic health assessment	Blended learning Interactive lectures Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
		Techniques for Health assessment.	3.1.2.1 Implement standardized protocols and guidelines during comprehensive health assessment	Blended learning Interactive lectures Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam

Domain NO. 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
4.1 - Utilize information and technology to underpin health care delivery, communicate, manage knowledge, and support decision-making for patient care.	4.1.3 Evaluate the impact of computerized information management on the role of the nurse in providing holistic patient-centered care.	- validity data.	4.1.3.1 Evaluate the benefits of computerized information management to overcome documentation obstacles.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
		- Body system assessment.	4.1.3.2 Discuss factors affecting body systems.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam
		-Health assessment.	4.1.3.3 Demonstrate principles of comprehensive assessment of health status.	- Blended learning - Interactive lectures - Electronic learning	- Power point Presentation	-Final electronic written exam - Final oral exam

المحتوى	Teaching hours	4-محتوي المقرر Course contents.
1. Health assessment	4 hours	
2. Validity data	4 hours	
3. Health History	3 hours	
4. Visual Health assessment	4 hours	
5. Technique for physical Assessment	4 hours	
- Inspection		
- Palpation		
- Percussion		
- Auscultation		
- Interpretation		
6.General survey	4 hours	
7. Body system assessment	4 hours	
8. Documentation	3 hours	
Total of teaching hours	30hours	

• Blended learning • Interactive lectures • Electronic learning	5-أساليب التعليم والتعلم : Teaching and Learning Methods.
We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students: - Activate academic supervision to solve students' problem. - The teaching academic members support the weakened students through library hours. - Revision lectures to default students.	6-اساليب التعليم والتعلم للطلبة المتعثرين: Teaching and Learning Methods of Disables.
Teaching and learning methods for excellent students: - Motivate the students to participate in available activates as sports, arts, cultures and science. - Motivate students to participate in activities directing to community services and environment development.	7-اساليب التعليم والتعلم للطلبة المتفوقين:
Students Assessment 8- تقويم الطالب:	
• Final electronic written examination • Final oral examination	أ-الاساليب المستخدمة: Used Methods.
• Final electronic written examination 15th week • Midterm examination 7 or 8th week	ب-التوقيت: Time

• Electronic oral examination =20 marks • Final electronic written examination =80 marks Total =100 marks	ج-توزيع الدرجات:
List of References 9-الكتب الدراسية وقائمه المراجع:	
Gharib, A., (2023): Electronic Book (C.D) for Health Assessment, 1st year, Faculty of Nursing, Benha University.	أ-مذكرات: Course note
Bickley, L.S. and Szilagyi, P.G. ,(2023): Bates' Guide to Physical Examination and History Taking, 12 Yth ed. Philadelphia: Wolters Kluwer. Dover, A.R., Innes, JA, and Fairhurst, K. (2023): General aspects of examination, 14th ed, London. Estes, M, Z. (2023): Health Assessment and Physical Examination, 5 ed, New York. Alfa ro-LeFevre, R. (2023): Applying Nursing Process: The Foundation for Clinical Reasoning. Philadelphia: Lippincott Williams & Wilkins.	ب -كتب ملزمه Required Books (Text Books)

Jensen, S. (2023): Nursing health assessment: a best practice approach, 2 Edition. Philadelphia: Wolters Kluwer Health. Altman, G.B., (2023): Fundamental and advanced nursing skills 6th ed. Oxford: Wiley Blackwell.	ج-كتب مقترحه: Recommended Books
http://www.RN.com. https://pubmed.ncbi.nlm.nih.gov/. http://www.cdc.gov/. http://Cms.nelc.edu.eg.	د-الدوريات والمواقع الإلكترونية: Periodicals, web sites.

رئيس مجلس القسم العلمي
أ. د. / ٢٠٢٤/٩/٩

منسق المقرر
ر. خديجة محمد

نموذج
توصيف مقرر دراسي
بناء على المعايير الأكاديمية المبنية على الكفايات
ابريل 2017

جامعة: بنها

كلية: التمريض

قسم: قسم الفسيولوجي - كلية الطب- جامعه بنها

تاريخ اعتماد التوصيف: مجلس الكلية بتاريخ 2024/9/11 رقم الجلسة
(170)

1- بيانات المقرر:

الفرقة / المستوى: First academic level /1 st semester	اسم المقرر: Physiology علم وظائف الأعضاء	الرمز الكودي: MED113
Theory: (2) hours ×15 weeks	عدد الساعات التدريسية	التخصص: Bachelor Degree in Nursing Science

Aim of the course:

This course aims to acquire undergraduate students with special information related to physiological functions regulating the human body and the natural relationship between the different body systems.

Course specification based on competency:

توصيف المقرر المبني على الكفايات

3- Domain No. 1: Professional and ethical practice

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
1. 1 -Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations nursing practice.	1.1.4- Demonstration responsibility and accountability for care within the scope of professional and practical level of competence.	- Introduction to human physiology	1.1.4.1- Define basic concepts of homeostasis.	- Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
		-Blood group and blood types	1.1.4.2- Distinguish between different blood components.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
		-The heart	1.1.4.3-Differentiate between stages of cardiac cycle and heart sounds.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
		-Respiratory system	1.1.4.4-Analyze the abnormal breathing sounds.	- Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
		- Endocrine system	1.1.4.5- Differentiate between different endocrine glands' functions.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam

		-Blood vessels and hemodynamics:	1.1.4.6- compare between different types of shock	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
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Domain No. 2: Holistic patients/clients care

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
2.1 -Provide holistic and evidence- based nursing care in different practice settings.	2.1.1Conduct holistic and focused bio- psychosocial and environmental assessment of health and illness in diverse setting.	-Cardiac muscle tissue and cardiac conduction system.	2.1.1.1 Describe normal functional structure of circulatory system.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
		-The cardiac cycle.	2.1.1.2 Differentiate between stages of cardiac cycle and heart sounds.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
	2.1.3Provide holistic patients/clients care respecting individual and family diversity.	-The respiratory system	2.1.3.1 Auscultate lung and bowel sounds with respecting patients with different health problems.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
2.2 -Provide health education based on the needs/problems of the patient/client within a nursing framework.	2.2.5. Communicate health information and coordinate health education/promotion activities effectively according to patients/client's needs.	-The nervous system (central and autonomic)	2.2.5.1 Identify the effect of parasympathetic stimulation.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
			2.2.5.2 Differentiate between synaptic transmission and neurotransmitters	- Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam

Domain 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
4.1 -Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.2. Apply technology and information management tools to support safe care and evaluate their impact on patient outcomes.	-Cardiac muscle tissue and cardiac conduction system.	4.1.2.1 Use computer skills effectively to retrieve data about patient's health status.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
			4.1.2.2 Discuss factors affecting cardiac properties using modern technology assessment tools.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
			4.1.2.3 Employ computerized information management systems to overcome documentation obstacles.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
		-ECG, Cardiac output	4.1.2.4 Identify principles of comprehensive assessment of physiological health status.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- - Final electronic written exam. -Final oral exam
			4.1.2.5 Use the internet and other electronic sources as a mean of communication.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
	4.1.3. Evaluate the impact of computerized information management system of the nursing' role providing holistic patient-centered care	- The digestive system	4.1.3.1. Utilize computerized information management system in assessment and management of digestive system problems.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam
			4.1.3.2. Employ information technology to access on-line medical information, and Support continuous education.	-Blended learning - Interactive lectures - Electronic learning	Power point presentation	- Final electronic written exam. -Final oral exam



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Physiology

Academic year 2024/2025

First year /1st semester

Unit I: Introduction to human physiology: (4) hours

- 1- Definition of physiology.
- 2- Levels of organization in the body.
- 3- Homeostasis.
- 4- Survival needs of the body.
- 5- Physiology of Cells; Transport across the cell membrane.

Unit II: The nervous system (central and autonomic): (4) hours

- 1- An overview of the nervous system.
- 2- Cells of the nervous system.
- 3- Properties of neurons; Action potential; Synaptic transmission & neurotransmitters.
- 4- Central Nervous System: Brain and spinal cord; structure & functions.
- 5- Autonomic nervous system: Definition, functions and parts or divisions.

Unit III: The endocrine system: (6) hours

- 1- An overview of the endocrine system.
- 2- Pituitary gland.
- 3- Thyroid gland.
- 4- Parathyroid glands.
- 5- Adrenal glands.
- 6- Endocrine control of growth.
- 7- Pancreatic islets hormones & diabetes mellitus.

4- محتوى المقرر:

Course Contents

Unit V: The cardiovascular system: (6) hours

1- The heart:

- Organization of the heart.
- Cardiac muscle tissue and cardiac conduction system.
- The cardiac cycle.
- ECG, Cardiac output.
- Exercise and the heart.

2- Blood vessels and hemodynamics:

- An overview of the vasculature.
- Capillary exchange and lymphatic.
- Hemodynamics.
- Control of body flow.
- Regulation of mean arterial pressure.
- Shock and homeostasis.
- Heart rate and blood pressure.

3- The blood:

- Overview of blood.
- Erythrocytes.
- Leukocytes.
- Platelets.
- Blood groups and blood types.

Unit VI: The respiratory system: (4) hours

- 1- Overview of the respiratory system.
- 2- Ventilation (Mechanism of breathing, Cycle of breathing).
- 3- Lung volumes and capacities (evaluation of pulmonary function tests).
- 4- Exchange of oxygen and carbon dioxide (Transport of gases in blood).
- 5- Control of respiration.
- 6- Exercise and the respiratory system.

Unit VII: The digestive system: (6) hours

- 1- Overview of the digestive system.
- 2- Mouth (oral cavity).
- 3- Pharynx
- 4- Esophagus
- 5- Stomach
- 6- Small intestine
- 7- Large intestine
- 8- Anus

Total hours=30hours

-Blended learning - Interactive lectures - Electronic learning	5-أساليب التعليم والتعلم: Teaching and Learning Methods
We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students: - Activate academic supervision to solve students' problem. - The teaching academic members support the weakened students through library hours. - Revision lectures and scientific lessons to all students especially weakened students.	6- أساليب التعليم والتعلم للطالب المتعسر: Teaching and Learning Methods of Disables
Teaching and learning methods for excellent students: - Motivate the students to participate in available activities as sports, arts, cultures and science. - Motivate students to participate in activities directing to community services and environment development.	
Students Assessment:	
● Final oral exam ● Final electronic written exam.	7- تقويم الطالب: أ- الاساليب المستخدمة: Used Methods
● Final oral exam ● Final electronic written exam. 16th week	ب- التوقيت: Time

● Final electronic written exam (marks) = 80 ● Final oral exam (marks) = 20 ● Total (marks) = 100	ج- توزيع الدرجات: Marks distribution
List of references	8- قائمه الكتب الدراسية والمراجع
Arafat, W. (2024): Electronic handout (C.D) for physiology, 1st year, Faculty of Nursing, Benha University.	أ- مذكرات: Course note
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Davies, J., (2023): Human Physiology: A Very Short Introduction, 1st ed, Oxford University Press, United Kingdom Hall, M. and Hall, J., (2022): Guyton and Hall Textbook of Medical Physiology, 14th ed, Elsevier, United states of America.	ج- كتب مقترحه: Recommended Books
http://www.med.sc.edu/book/welcome.htm http://www.emedicine.com http://www.Cms.nelc.edu.eg	د- الدوريات والمواقع الإلكترونية: Periodicals, web sites

رئيس مجلس القسم العلمي

2024/2025
2024/2025

منسق المقرر

د. هبة هاشم