

نموذج  
توصيف مقرر دراسي  
بناء على المعايير الاكاديمية  
المبنية على الكفايات

ابريل ٢٠١٧

جامعة: بنها  
كلية: التمريض

قسم: تمريض باطني جراحي- كلية التمريض- جامعة بنها  
تاريخ اعتماد التوصيف: مجلس الكلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠  
١- بيانات المقرر:

الفرقة / الأولى الفصل الدراسي الأول	اسم المقرر : اساسيات التمريض Fundamentals of Nursing	الرمز الكودي : NUR 111
First year -First semester		
<b>Theory:</b> (4) hours ×15 weeks= 60 hours <b>Practice:</b> (12) hours ×15 weeks= 180 hours	عدد الساعات التدريسية	التخصص : بكالوريوس في علوم التمريض Bachelor Degree in Nursing Science

## 2 - Aim of the course:

This course aims to provide undergraduate students with special skills related to the components of the nursing process as the basis for actual practice and to give students an opportunity to acquire basic nursing skills and to provide safety to the patient through laboratory training.

### 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
Competence 1.1 Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.1 Demonstrate creative thinking of legislative framework and nursing responsibility for nursing care.	-Health, wellness and integrative health care (Health-illness continuum).	1.1.1.1-Identify principles of health and illness.	-Blended learning -Interactive lectures -electronic learning	Power point presentation	-Final written examination -Final oral examination
		- Human needs.	1.1.1.2- Prioritizing patient problems according to Maslow' hierarchy of needs.	cooperative learning Interactive lectures - electronic learning	Smart media	-Final written examination -Final oral examination

	- Health assessment, physical and diagnostic test.	1.1.1.3- Demonstrate creative thinking of legislative framework and nursing responsibility while caring for patient.	-simulation Interactive lectures -electronic learning	videos	-Final practical examination -semester work
	- Historical evolution of professional nursing practice and responsibilities	1.1.1.4-Discuss nursing history.	electronic learning Blended learning Interactive lectures	Power point presentation	-Final written examination -Final oral examination

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
	<b>1.1.2 Apply ethical and professional nursing practice to conduct ethical decision making.</b>	- Nursing research and evidence based practice (ethical and legal issues).	1.1.2.1- Use ethical principles in fundamentals of nursing for providing evidence nursing care.	-simulation -Interactive lectures -electronic learning	Power point presentation	-Final practical examination -semester work
			1.1.2.2- Conduct holistic nursing care that address patient needs across life span.	-Interactive lectures -electronic learning -simulation	Smart media	-Final practical examination -semester work
			1.1.2.3- Build an ethical value system for informed nursing practices regardless patients' culture.	Critical thinking -simulation -Interactive lectures	videos	-Final practical examination -semester work
			1.1.2.4- Employ rules and regulations for documentation of patients' data.	-simulation -Interactive lectures -electronic learning	videos	-Final practical examination -semester work

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
	<b>1.1.3 Implement policies and procedural guidelines in the field of nursing practice considering patients/clients rights.</b>	-Reporting and recording.	1.1.3.1-Apply patients' rights, autonomy and privacy in according with institutional policies.	-Interactive lectures -electronic learning -simulation	Power point presentation	-Final practical examination -semester work
		-Medications administrations (Oral, Injections.....etc.).	1.1.3.2- Follow principles of drugs administrations according to 12 rights.	-simulation -Interactive lectures -electronic learning	Smart media	-Final practical examination -semester work
		-Use of protective clothing and aseptic technique.	1.1.3.3- Apply principles of aseptic technique during nursing practice and patient care.	-interactive learning -simulation -Interactive lectures	videos	-Final practical examination -semester work
		-Health assessment, physical and diagnostic examinations.	1.1.3.4 Utilize all appropriate methods to maintain normal bowel elimination patterns.	-simulation -Interactive lectures -discussion	Smart media	-Final practical examination -semester work

			1.1.3.5 Implement nursing role before, during and after diagnostic testing.	-discussion -simulation -Interactive lectures	Power point presentation	-Final practical examination -semester work
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Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
	<b>1.1.4 Conduct responsibility and accountability for care within the scope of professional and practical level of competence.</b>	-Nursing process (Nursing Assessment).	1.1.4.1-State components of nursing process.	Blended learning Interactive lectures electronic learning	Power point presentation	-Final written examination -Final oral examination
- The nurses' role in Health quality and patient safety.		1.1.4.2- Integrate the ethical and legal responsibilities of professional nurses' role and practice nursing skills in lab.	-simulation Interactive lectures electronic learning	videos	-Final practical examination -semester work	
		1.1.4.3- Build up the competencies of nursing activities with best evidence-based practices to improve health care.	- Interactive lectures - simulation - electronic learning	Smart media	-Final practical examination -semester work	

		-Oxygenation.	1.1.4.4- Describe different types of respiration.	-critical thinking Interactive lectures electronic learning	Power point presentation	-Final oral examination
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**DOMAIN NO2: Holistic patients/clients care**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> <b>Provide holistic and evidence-based nursing care in different practice settings.</b>	<b>2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.</b>	-Bathing, oral, nail and hair care.	2.1.1.1-Demonstrate hair shampoo, foot and nail care.	-simulation Interactive lectures - electronic learning	videos	-Final practical examination -semester work
		-Intake and output chart.	2.1.1.2-Design intake and output chart for patients with fluid and electrolyte assessment.	Blended learning Interactive lectures -discussion	Smart media	-Final written examination



		-The nurses' role in Health quality and patient safety.	2.1.1.3-Practice appropriate parameters for assessment of patients from head to toes.	- electronic learning -simulation Interactive lectures	Power point presentation	-Final practical examination -semester work
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Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> <b>Provide holistic and evidence-based nursing care in different practice settings.</b>	<b>2.1.2. Conduct holistic nursing care that addresses patients/clients, families and communities needs and problems across life span.</b>	-Vital Signs.	2.1.2.1-Distinguish between systolic and diastolic blood pressure.	Blended learning Interactive lectures electronic learning	Smart media	-Final written examination -Final oral examination
		-Bed making.	2.1.2.2-Demonstrate different types of beds according to patient's conditions.	-simulation Interactive lectures - electronic learning	Power point presentation	-Final practical examination -semester work

		-Blood sample.	2.1.2.3- Practice holistic care during performing blood sample.	Interactive learning -simulation - electronic learning	videos	-Final practical examination -semester work
		-Moving and lifting.	2.1.2.4- Follow safety guidelines in the performance of nursing noninvasive practical skills.	-simulation Interactive lectures - electronic learning	Smart media	-Final practical examination -semester work
		-I.V Medication.	2.1.2.5- Demonstrate proper technique of intravenous medication administration.	- electronic learning -simulation Interactive lectures	Power point presentation	-Final practical examination -semester work

## DOMAIN NO 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>DOMAIN NO 4:</b> Informatics and technology <b>competence4.1</b> Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	<b>4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.</b>	Documentations and informatics.	4.1.2.1-Use technology in recording and reporting of pertinent patients; information concerning fundamentals of nursing practice and skills.	-blended learning -simulation Interactive lectures	Smart media	-Final practical examination -semester work
			4.1.2.2-Use the internet and other electronic sources as a mean of communicates and sources of information.	-simulation Interactive lectures - electronic learning	Power point presentation	-Final practical examination -semester work

**DOMAIN NO5: Inter-professional communication**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<p><b>Competence 5.1</b> Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.</p>	<p><b>5.1.1 Maintain inter-professional collaboration, in a variety of settings to maximize health outcomes for the patients, families and communities</b></p>	<p>Communication</p>	<p>5.1.1.1- Apply communication skills in inter-professional, social and therapeutic context</p>	<p>Interactive lectures -simulation - electronic learning</p>	<p>videos</p>	<p>-Final practical examination -semester work</p>

			5.1.1.2- Use effective written communication skills in plan of patient care and education using information and technology in fundamental of nursing practice.	-simulation Interactive lectures - electronic learning	Smart media	-Final practical examination -semester work
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<p><b><u>Theoretical Part:</u></b></p> <p><b><u>Unit I: Professional nursing and health care environment</u></b></p> <ol style="list-style-type: none"> <li>1. Historical evolution of professional nursing practice and responsibilities The nurses' role in health quality and patient safety.</li> <li>2. Nursing research and evidence base practice (ethical and legal issues).</li> <li>3. Health, wellness and integrative health care (Health-illness continuum).</li> <li>4. Human needs.</li> </ol> <p><b><u>Unit II: Introduction to critical thinking and nursing Practice</u></b></p> <ol style="list-style-type: none"> <li>1. Nursing process (nursing assessment).</li> <li>2. Communication, documentations and informatics.</li> </ol> <p><b><u>Unit III: Clinical care safety and competency</u></b></p> <ol style="list-style-type: none"> <li>1. Asepsis and infection control.</li> <li>2. Vital signs.</li> <li>3. Medications administration.</li> <li>4. Health assessment , physical and diagnostic examinations.</li> </ol> <p><b><u>Unit IV : Physiological bases for nursing Practice</u></b></p> <ol style="list-style-type: none"> <li>1. Oxygenation.</li> <li>2. Hygiene.</li> <li>3. Fluids and electrolytes, and acid based balance.</li> <li>4. Mobility, activities and exercise.</li> <li>5. Pain management.</li> <li>6. Nutrition.</li> <li>7. Urinary and bowel elimination.</li> <li>8. Rest and Sleep.</li> </ol> <p><b><u>Unit V: Psychosocial basis and nursing practice</u></b></p> <ol style="list-style-type: none"> <li>1. Stress, coping and adaptation.</li> <li>2. Dying, and palliative care.</li> </ol>	<p><b>Course : 4-محتوى المقرر</b></p> <p><b>Contents</b></p>
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**Practical Part:**

- Body mechanics.
- Hand washing.
- Use of protective clothing and aseptic technique.
- Moving, lifting and positioning patients.
- Bed making.
- Bathing, oral, nail & hair care.
- Vital signs (T, Resp., P& BP.)
- Medications administrations (Oral, Injections.....etc.).
- Blood sample.
- Intake and output chart.
- Height and weight.
- Bandaging and splinting.
- Insertion and removing indwell catheter.
- Samples and specimen collection (Urine, stool).
- Blood glucose investigation.
- Reporting and recording.

<ul style="list-style-type: none"> <li>● Modified lecture, small group discussion, (Assessment skills)</li> <li>● Assignment participation</li> <li>● Demonstration and re-demonstration in Lab.</li> <li>● Role play.</li> <li>● Blended learning / online learning.</li> </ul>	<p><b>5-أساليب التعليم والتعلم :</b></p> <p><b>Teaching and Learning Methods</b></p>
<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <ul style="list-style-type: none"> <li>- Activate academic supervision to solve students' problem.</li> <li>- The teaching academic members support the weakened students through library hours.</li> <li>- Revision lectures and scientific lessons to all students especially defaulting students.</li> <li>- Make routine exams to early discover the weakened students. (quizzes).</li> </ul>	<p><b>6-أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة</b></p> <p><b>Teaching and Learning Methods of Disables</b></p>
<p><b>7-الطالبتقويم : Students Assessment</b></p>	
<ul style="list-style-type: none"> <li>● Semester work.</li> <li>● Students' assignment.</li> <li>● Clinical lab. Evaluation (Observational Checklist).</li> <li>● Final practical examination (Observational Checklist).</li> <li>● Final written Examination + Electronic Exam.</li> </ul>	<p><b>أ-الاساليب المستخدمة</b></p> <p><b>Used Methods</b></p>



<ul style="list-style-type: none"> <li>● Mid-term 8th week</li> <li>● Assignment &amp; Participation through Semester  </li> <li>● Final practical examination 15th week</li> <li>● Final term examination 16th week</li> <li>● Final oral examination 16th week</li> </ul>	<b>ب-التوقيت: time:</b>
<ul style="list-style-type: none"> <li>● Semester work 60</li> <li>● Final practical examination 10</li> <li>● Final oral examination 10</li> <li>● Final written examination 120</li> <li><b>Total 200</b></li> </ul>	<b>ج-توزيع الدرجات:</b> <b>Marks distribution</b>
<b>8-قائمة الكتب الدراسية والمراجع</b>	
<b>Gaber H., et al. (2021):</b> Hand out for Fundamentals of Nursing, Faculty of Nursing, Benha University.	<b>أ- مذكرات</b> <b>Course note</b>
<b>Rebeiro G., Jack L., Scully N. and Wilson, D. (2018):</b> Fundamental of Nursing: Clinical Skills Workbook, 2nd (ed.). Elsevier co, Australia. <b>Williams, Patricia. and deWit's (2018).</b> Fundamental Concepts and Skills for Nursing. 5 <sup>th</sup> ed., Elsevier, Lodon. <b>Patricia, A., and Susan,C. (2017):</b> Fundamental concepts and Skills for Nursing. (7 <sup>th</sup> Ed.), UK. Prentice Hall, International Edition.	<b>ب-كتب ملزمة</b> <b>Required Books</b> <b>( Text Books )</b>



**Carpenito and Lynda (٢٠١٧):** Handbook of Nursing Diagnosis (١٥<sup>th</sup> Ed.). Philadelphia: Lippincott Williams & Wilkins.

**Kozier and Erb's (٢٠١٦):** Fundamental of Nursing, Concepts, process and practice, (١٠<sup>th</sup> Edition Audrey Berman and, Shirley Snyder.

**Potter P.A., Perry A.G., Stockert P., Hall A. and Peterson V. (٢٠١٨):** Clinical Companion for Fundamental of Nursing: Just the Facts, (٨<sup>th</sup> ed.). Mosby co., USA.

[e-learning.bu.edu.eg](http://e-learning.bu.edu.eg).

[http:// www.RN.com](http://www.RN.com)

[http:// www.enursing.com](http://www.enursing.com)

<http://www.cdc.gov/>

<http://cms.nelc.edu.eg>.

كتب مقترحة

**Recommended Books**

**Periodicals,  
web sites**

رئيس القسم: د. حنان عبد الحامد

٢٠٢٠/١١/١٧

د. حجاب

منسق المقرر:

نموذج  
توصيف مقرر دراسي  
بناء على المعايير الاكاديمية  
المبنية على الكفايات

ابريل ٢٠١٧

جامعة: بنها  
كلية: التمريض

قسم: الميكروبيولوجي - كلية الطب البشرى جامعة بنها  
تاريخ اعتماد التوصيف: مجلس الكلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠  
١- بيانات المقرر:

الفرقة / المستوى : First year/ Second term	اسم المقرر : Microbiology	الرمز الكودي : MED ١٢٣
<b>Theory:</b> (2) hours ×15 weeks <b>Practice:</b> (1) hours ×15 weeks	عدد الساعات التدريسية:	التخصص : Bachelor Degree in Nursing Science

## 2 - Aim of the course:

This course aims to equip undergraduate students with knowledge and skills regarding basics of microbiology and medical immunology and the factors affecting them from the clinical point of view, including the characteristics of microorganisms and their relationship to human health as well as basics of occurrence of infection and infection control.

### 3-Course specification based on competency:

#### Domain No. 1: Professional and ethical practice

توصيف المقرر المبني على الكفايات

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 1. 1.</b> <b>Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.</b>	1.1.4- Conduct responsibility and accountability for care within the scope of professional and practical level of competence.	- Introduction to microbiology	1.1.4.1-Identify key terms of microbiology	- Interactive lectures - electronic learning -critical thinking	videos	- Final written exam - Final oral exam
		- Immunology	1.1.4.2-Identify key terms of immunology.	- Discussion - electronic learning -cooperative learning	PowerPoint presentation	- Final written exam - Final oral exam
		- Types and transmission of infections	1.1.4.3-Explain the various types of bacterial infection	- Interactive lectures - electronic learning -Interactive learning	Smart media	- Final written exam - Final oral exam
			1.1.4.4-Enumerate causative agents of infection.	- electronic learning - Interactive lectures - Discussion	PowerPoint presentation	- Final written exam - Final oral exam
			1.1.4.5- Analyze the different infectious diseases, their etiology and modes of transmission.	Discussion - electronic learning -critical thinking	Smart media	- Final written exam - Final oral exam
		- Safety and general laboratory instructions.	1.1.4.6- Examine the human specimen for microbial infection.	- Discussion - electronic learning - Interactive lectures	videos	- Clinical Lab. Evaluation - Final practical exam

		- Safety measures of handling samples	1.1.4.7- Practice safety measures when handling infectious materials	- interactive lectures - electronic learning -discussion	PowerPoint presentation	- Clinical Lab. Evaluation - Final practical exam
		- Microscopic identification and bacterial morphology	1.1.4.8-Discuss bacterial cell structure.	- Blended learning - interactive lectures -critical thinking	Smart media	- Final written exam - Final oral exam
		- Collection and transport of medical specimens.	1.1.4.9- Implement standardized guidelines when handling collecting and transporting of specimens for microbiological examination.	- Discussion - electronic learning  - interactive lectures	videos	- Clinical Lab. Evaluation - Final practical exam

**Domain No. 2: Holistic patients/clients care**

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> <b>Provide holistic and evidence-based nursing care in different practice settings.</b>	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	- Infection control and trace of infection.	2.1.1.1 - Enumerate the different approaches of disease prevention	-discussion - Blended learning - interactive lectures	videos	- Final written exam  - Final oral exam
			2.1.1.2-Explain principles of infection control	- Blended learning -cooperative learning - electronic learning	Smart media	- Final written exam  - Final oral exam
		- Disinfection and sterilization.	2.1.1.3 -Describe the most important methods of disinfection and sterilization.	- interactive learning - electronic learning -discussion	PowerPoint presentation	- Final oral exam
		-Immunology	2.1.1.4-Identify the vaccine administration precautions and contraindications to avoid adverse events following immunization.	- Blended learning - interactive lectures - Discussion	Smart media	- Final written exam  - Final oral exam

			2.1.1.5- Compare between different types of vaccines.	- interactive lectures - electronic learning -discussion	PowerPoint presentation	- Final written exam - Final oral exam
			2.1.1.6- Interpret types of immunity and immune responses.	- Blended learning - interactive lectures -critical thinking	videos	- Final written exam - Final oral exam
		-Antimicrobial resistance	2.1.1.7- Describe the basics of antimicrobial agents and resistance	- electronic learning - interactive lectures -cooperative learning	PowerPoint presentation	- Final written exam
	2.1.3 Apply holistic patients/clients care respecting individual and family diversity.	-Different types of culture media  -Disinfection and sterilization.	2.1.3.1- Apply different methods of sterilization and disinfection.	- Blended learning - interactive lectures -critical thinking	Smart media	- Final practical exam
		- Metabolism, reproduction and growth curve.	2.1.3.2- Explain metabolism and reproduction of growth curve.	- Blended learning - Discussion - interactive lectures	PowerPoint presentation	- Final oral exam
		- Infection control training practices.	2.1.3.3- Apply the principle and aseptic precautions in healthcare settings.	- electronic learning -discussion - Blended learning	videos	- Final practical exam



Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.2</b> <b>Provide health education based on the needs/problems of the patient/client within a nursing framework.</b>	2.2.5 Communicate health information and coordinate health education/promotion activities effectively according to patients/clients' needs.	-Antimicrobial chemotherapy	2.2.5.1- List complications of antimicrobial chemotherapy.	<ul style="list-style-type: none"> <li>- interactive lectures</li> <li>- electronic learning</li> <li>- Interactive learning</li> </ul>	Smart media	- Final written exam
		<ul style="list-style-type: none"> <li>-Applied immunology</li> <li>-Autoimmune diseases and immunodeficiency.</li> </ul>	2.2.5.2- Demonstrate vaccine storage practices and vaccine administration techniques.	<ul style="list-style-type: none"> <li>- Discussion</li> <li>- electronic learning</li> <li>-critical thinking</li> </ul>	PowerPoint presentation	- Final practical exam

		-Nosocomial infection. -Microbial pathogenicity and host parasite relationship.	2.2.5.3- Integrate the most important signs and symptoms of important microbial infections and the laboratory test findings into a meaningful diagnostic significance.	- Blended learning - interactive lectures - discussion	videos	- Final written exam
		- Blood groups.	2.2.5.4- Identify blood groups and cross matching	- Discussion - electronic learning - interactive learning	Smart media	- Final written exam - Final oral exam
		- Antiglobulin test (Coomb test).	2.2.5.5- Describe Antiglobulin test (Coomb test).	- interactive lectures - cooperative learning	PowerPoint presentation	- Final written exam
		-Morphology of bacteria (Simple stain and Gram stain).	2.2.5.6- Distinguish the main different classes of bacteria based on their different morphological and staining characteristics under the microscope	- interactive lectures - electronic learning - discussion	videos	- Final written exam - Final oral exam - Final practical exam
		- Different types of culture media.	2.2.5.7-Distinguish the main different types of culture media.	- interactive lectures - electronic learning- Blended learning	Smart media	- Final written exam
		-Mycobacteria (Mycobacterium tuberculosis and leprae).	2.2.5.8- Perform correct measurement of tuberculin skin test results.	- electronic learning - interactive lectures - interactive learning	PowerPoint presentation	- Final practical exam

## Domain 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> <b>Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.</b>	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.	-Basic mycology and fungal infection	4.1.2.1- Use computer effectively to retrieve data about in reaching microbiological information to remain current with advances in knowledge and practice.	<ul style="list-style-type: none"> <li>- electronic learning</li> <li>- interactive lectures</li> <li>-critical thinking</li> </ul>	videos	- Final practical exam
		- Viral structure, classification, and pathogenesis.  -DNA viruses and RNA viruses.	4.1.2.2- Use the internet and other electronic sources as a mean of communication and sources of information regarding DNA and RNA.	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> <li>- Discussion</li> </ul>	Smart media	- Final practical exam
		-Hepatitis viruses.	4.1.2.3- Employee technology and information management tools to support safe care for hepatitis virus patients	<ul style="list-style-type: none"> <li>- interactive learning</li> <li>- Blended learning</li> <li>- interactive lectures</li> </ul>	PowerPoint presentation	- Final practical exam

		-Microbiological techniques.	4.1.2.4- Apply the principles of ethics with laboratory results for different microbiological techniques.	<ul style="list-style-type: none"> <li>- interactive lectures</li> <li>- electronic learning</li> <li>- Discussion</li> </ul>	videos	- Final practical exam
		-Smear preparation and Ziehl–Neelsen stain.	4.1.2.5-Evaluate the benefits of computerized information management to overcome documentation obstacles of smear stain results.	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> <li>- critical thinking</li> </ul>	PowerPoint presentation	- Final oral exam

**Chapter 1: Introduction to microbiology**

- Bacterial cell structure.
- Bacterial physiology.
- Metabolism, reproduction and growth curve.
- Antimicrobial chemotherapy.
- Antimicrobial resistance.
- Microbial pathogenicity and host parasite relationship.
- Types and transmission of infections.
- Nosocomial infection.
- Infection control and trace of infection.

**Chapter2: Immunology**

- Introduction to immunology.
- Types of immunity (innate and acquired).
- Humoral and cell mediated immunity.
- Immune response.
- Antigen / Antibody reaction.
- Immunoglobulin.
- Autoimmune diseases and immunodeficiency.
- Immunoprophylaxis and vaccines.

**Chapter 3: Basic mycology and fungal infection**

- Mycobacteria (Mycobacterium tuberculosis and leprae).

**Chapter 4: Basic virology**

- Viral structure, classification, and pathogenesis.
- DNA viruses and RNA viruses.
- Hepatitis viruses.

**Chapter 5: Specimen collection and aseptic technique**

Course 4-محتوي المقرر :

**Contents**

<ul style="list-style-type: none"> <li>● Safety and general laboratory instructions.</li> <li>● Safety measures of handling samples.</li> <li>● Disinfection and sterilization.</li> <li>● Collection and transport of medical specimens.</li> <li>● Morphology of bacteria (Simple stain and Gram stain).</li> <li>● Different types of culture media.</li> <li>● Microbiological techniques.</li> <li>● Smear preparation and Ziehl–Neelsen stain.</li> <li>● Microscopic identification and bacterial morphology.</li> <li>● Antibiotic and culture sensitivity.</li> <li>● Infection control training practices.</li> </ul> <p><b>Chapter 6: Applied immunology</b></p> <ul style="list-style-type: none"> <li>● Agglutination reactions.</li> <li>● Haemagglutination.</li> <li>● Blood groups.</li> <li>● Cross matching.</li> <li>● Serial dilution.</li> <li>● Antiglobulin test (Coomb test).</li> </ul>	
<ul style="list-style-type: none"> <li>● Modified lecture, Small group discussion, (Assessment skills)</li> <li>● Demonstration and re-demonstration in Lab.</li> <li>● Blended learning / online learning.</li> </ul>	<p style="text-align: right;">5-أساليب التعليم والتعلم :</p> <p style="text-align: right;"><b>Teaching and Learning Methods</b></p>

<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <ul style="list-style-type: none"> <li>- Activate academic supervision to solve students' problem.</li> <li>- The teaching academic members support the weakened students through library hours.</li> <li>- Revision lectures and scientific lessons to all students especially defaulting students.</li> <li>- Make routine exams to early discover the weakened students. (quizzes).</li> </ul>	<p>أساليب التعليم والتعلم للطالب ذوي القدرات المحدودة</p> <p><b>Teaching and Learning Methods of Disables</b></p>
<p><b>Teaching and learning methods for excellent students:</b></p> <ul style="list-style-type: none"> <li>- Motivate the students to participate in available activities as sports, arts, cultures and science.</li> <li>- Motivate students to participate in activities directing to community services and environment development .</li> <li>- Training students for effective evaluation to teaching learning process through questionnaire</li> </ul>	
<p><b>Students Assessment:</b></p>	
<ul style="list-style-type: none"> <li>● Final practical examination</li> <li>● Final oral examination</li> <li>● Final written examination + electronic exam.</li> </ul>	<p>7- تقويم الطالب: أ- الأساليب المستخدمة</p> <p><b>Used Methods</b></p>
<ul style="list-style-type: none"> <li>● Final practical examination 14<sup>th</sup> week</li> <li>● Final term examination 16<sup>th</sup> week</li> <li>● Final oral examination 16<sup>th</sup> week</li> </ul>	<p>ب- التوقيت: <b>time:</b></p>
<ul style="list-style-type: none"> <li>● Final practical examination 10</li> <li>● Final oral examination 10</li> <li>● Final written examination 80</li> <li>● <b>Total (marks) = 100</b></li> </ul>	<p>ج- توزيع الدرجات :</p> <p><b>Marks distribution</b></p>
<p><b>List of References</b></p>	<p>8- قائمة الكتب الدراسية والمراجع</p>

<i>Shafik A. (٢٠٢١)</i> : Handout for Microbiology, 1 <sup>st</sup> year, Faculty of Medicine, Benha University.	مذكرات: Course note
<i>Sullivam H. and Gary P. (٢٠١٨)</i> : Human pathogenic Fungi: Molecular Biology and Pathogenic Mechanism, ٣ <sup>rd</sup> ed., Elsevier company, New York.	ب-كتب ملزمة Required Books ( Text Books )
<i>Jacquelyn GB. and Laura J. (٢٠٢٠)</i> : Microbiology: Principles and Explorations ٩ <sup>th</sup> ed., McGraw-Hill Education, London. <i>Hawley L. Clarke B. et al. (٢٠١٩)</i> : Microbiology and Immunology, ٨ <sup>th</sup> ed., Textbook Reviews, United states of America. <a href="http://www.microbe.org/microbes/virus_or_bacterium.asp">http://www.microbe.org/microbes/virus_or_bacterium.asp</a> <a href="http://www.microbelibrary.org">http://www.microbelibrary.org</a> <a href="http://www.mic.ki.se/Diseases/c٢.html">http://www.mic.ki.se/Diseases/c٢.html</a> <a href="http://www.med.sc.edu:٨٥/book/welcome.htm">http://www.med.sc.edu:٨٥/book/welcome.htm</a> <a href="http://www.elearning.edu.eg.com">http://www.elearning.edu.eg.com</a>	ج-كتب مقترحة Recommended Books د- الدوريات و المواقع الالكترونية Periodicals, web sites

رئيس القسم:

د. دينا صابر  
٢٠٢٠/١٧/١٧

ممنوق المقرر: د. دينا صابر



## نموذج

### توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: الباثولوجي- كلية الطب البشري جامعة بنها

تاريخ اعتماد التوصيف مجلس الكلية جلسة (127) 2020/10/25

1- بيانات المقرر:

الفرقة / المستوى : Second term /First year	اسم المقرر Pathology:	الرمز الكودي: MED121
Theory (2) hours ×15 weeks Practice -----	عدد الساعات التدريسية	التخصص :Bachelor Degree in Nursing Science

### 2 - Aim of the course:

This course aims to acquire undergraduate students with special information about the different types of laboratory test samples, how to obtain them, and the interpretation of the results of various laboratory tests.

### 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
<b>Competence 1. 1.</b> Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.4- Conduct responsibility and accountability for care within the scope of professional and practical level of competence.	Introduction to pathology.	1.1.4.1- Identify key terms of pathology.	Interactive lecture Discussion Critical thinking	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		Inflammation and repair.	1.1.4.2- List causes and types of pathological changes occur in inflammation.	Educational video Blended learning Electronic learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		-Infectious diseases.	1.1.4.3- Describe the causes and pathogenesis of the most important pathological problems	Self-learning Discussion Educational videos	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		-Laboratory diagnosis: cytology, biopsy, tumor markers	1.1.4.4- Describe the growth and microscopic changes of the most important pathological problems.	Cooperative learning Blended learning Interactive lecture	Data Show PowerPoint presentation	- Final written exam - Final oral exam

		Cell injury: cell response to injury: degenerative changes, necrosis and apoptosis.	1.1.4.5- Illustrate stages of cellular response to injury.	Interactive lecture Discussion Critical thinking	Data Show PowerPoint presentation	- Final written exam - Final oral exam
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## Domain No.2:Holistic patients/clients care

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> Provide holistic and evidence-based nursing care in different practice settings.	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	-Growth disturbances and neoplasia.	2.1.1.1 - Differentiate between benign and malignant tumors.	Cooperative learning Blended learning Interactive lecture	Data Show PowerPoint presentation	- Final written exam - Final oral exam
			2.1.1.2 - Compare between methods of spread of malignant tumors.	Interactive lecture Blended learning Educational videos	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		- Laboratory diagnosis	2.1.1.3-Interpret the most important gross and microscopic changes of diseases	Discussion Blended learning Electronic learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		-Pathology of cardiovascular system.	2.1.1.4- Discuss pathological changes that occur in edema and shock.	Educational video Blended learning Electronic learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		- Pathology of respiratory system	2.1.1.4- Compare between primary and secondary pulmonary tuberculosis.	Discussion Critical thinking Educational videos	Data Show PowerPoint presentation	- Final written exam - Final oral exam
	2.1.3 Apply holistic patients/clients care respecting individual and family diversity.	- Pathology and its related disciplines.	2.1.3.1- Interpreting in a professional manner pathology report with respecting people diversity.	Self-learning Blended learning Electronic learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		- Circulatory disorders.	2.1.3.2-Differentiate between different circulatory disturbances	Electronic learning Discussion Interactive learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam

		-Immune response and environmental diseases	2.1.3.3-Discuss the clinical symptoms and signs of the most important pathological problems.	Self-learning Discussion Interactive lecture	Data Show PowerPoint presentation	- Final written exam - Final oral exam
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Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.2</b> Provide health education to the needs/problems patient/client within a nursing framework.	2.2.5 Communicate health information and coordinate health education/promotion activities effectively according to patients/clients' needs.	- Cytology and biopsy	2.2.5.1- Identify the appropriate diagnostic of the most important pathological problems.	Discussion Critical thinking Educational videos	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		- Pathology of blood	2.2.5.2- Discuss anemia and its types	Self-learning Discussion Interactive lecture	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		- Pathology of nervous system ( infections of brain)	2.2.5.3-perceive the pathogenesis of meningitis and brain abscess.	Cooperative learning Discussion Interactive lecture	Data Show PowerPoint presentation	- Final written exam - Final oral exam
		- Pathology of lymphoreticular system	2.2.5.4-Discriminate between Hodgkin's lymphoma and Non-Hodgkin's lymphoma.	Cooperative learning Blended learning Interactive lecture	Data Show PowerPoint presentation	- Final written exam - Final oral exam

## Domain 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.	- Systemic pathology	4.1.2.1- Use computer effectively to retrieve data about in reaching pathological information to remain current with advances in knowledge and practice.	Interactive lecture Self-learning Cooperative learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam
			4.1.2.2- summarize information technology during Interpret patient's data in an organized and informative manner.	Cooperative learning Blended learning Interactive lecture	Data Show PowerPoint presentation	Final written exam - Final oral exam
			4.1.2.3- Evaluate the benefits of computerized information management to overcome documentation obstacles.	Discussion Critical thinking Educational videos	Data Show PowerPoint presentation	Final written exam - Final oral exam
			4.1.2.4- Discuss the internet and other electronic sources as a mean of communicates and sources of information.	Self-learning Educational videos Blended learning	Data Show PowerPoint presentation	Final written exam - Final oral exam
		- Pathology of endocrine system	4.1.2.5-Discus pathogenesis of pituitary, thyroid and adrenal glands.	Interactive lecture Self-learning Cooperative learning	Data Show PowerPoint presentation	- Final written exam - Final oral exam

**General pathology:**

**Unit I: Introduction to pathology:**

- 1- Over view and orientation.
- 2- Pathology and its related disciplines.

**Unit II: Inflammation and repair :**

- 1- Acute inflammation (Morphologic patterns e.g. abscess).
- 2- Chronic inflammation (Morphologic patterns e.g. granulomata).
- 3- Repair: regeneration – organization and healing in specialcondition .

**Unit III: Infectious diseases.**

- 1- Viruses.
- 2- Bacteria.
- 3- Fungi.
- 4- Protozoa.
- 5- Helminths.

**Unit IV: Cell injury:**

- 1- Cell response to injury: degenerative changes, necrosis and apoptosis.

**Unit V: Immune response and environmental diseases:**

- 1- Immunity and hypersensitivity.
- 2- Immunodeficiency.
- 3- Autoimmunity.

**Unit VI: Circulatory disorders.**

**Unit VII: Growth disturbances and neoplasia:**

- 1- Hyperplasia – metaplasia – dysplasia- hypertrophy- atrophy- tumor like / benign tumor / malignant tumors.
- 2- Laboratory diagnosis: cytology, biopsy, tumor markers.

4- محتوى المقرر:

**Course Contents**



**Systemic pathology:**

**Unit VIII: Pathology of cardio vascular system:**

- 1- Blood vessels.
- 2- The heart.

**Unit IX: Pathology of respiratory system:**

- 1- Pharynx, larynx, trachea and bronchi (inflammation, carcinoma of bronchus).
- 2- Lungs (pneumonia, emphysema, bronchiectasis, carcinoma of lungs).
- 3- Pleura.

**Unit X: Pathology of urinary system:**

- 1- Kidneys (glomerulonephritis, nephritic syndrome, pyelonephritis, urinary calculi, hydronephrosis, neoplasm of the kidneys).
- 2- Bladder (cystitis, neoplasm).

**Unit XI: Pathology of gastrointestinal tracts**

**Unit XII: Pathology of endocrine system:**

- 1- Pituitary, thyroid, adrenal glands.

**Unit XIII: Pathology of nervous system:**

- 1- Congenital deformities (anencephaly, hydrocephalus, spina bifida, cerebral palsy).
- 2- Vascular diseases of brain.
- 3- Infections of brain (Meningitis, brain abscess).

**Unit XIII: Pathology of blood and lymphoreticular system:**

- 1- Anemia and its types (iron and folic acid deficiency, pernicious anemia, aplastic anemia, hemolytic).
- 2- Leukemia
- 3- Agranulocytosis.
- 4- Lymphadenitis.
- 5- Hodgkin's lymphoma.
- 6- Non-Hodgkin's lymphoma.

Interactive lecture Self-learning Cooperative learning Discussion Critical thinking Educational videos Blended learning Electronic learning	5-أساليب التعليم والتعلم:  <b>Teaching and Learning Methods</b>
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<b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b> - Activate academic supervision to solve students' problem. - The teaching academic members support the weakened students through library hours. - Revision lectures to default students.	6-أساليب التعليم والتعلم للطالب ذوى القدرات المحدودة <b>Teaching and Learning Methods of Disables</b>
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<b>Teaching and learning methods for excellent students:</b> - 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 .	
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<b>7-الطالب:تقويم: Students Assessment:</b>	
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<ul style="list-style-type: none"> <li>Final written examination</li> <li>Final oral examination.</li> </ul>	أ-الأساليب المستخدمة  <b>Used Methods</b>
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<ul style="list-style-type: none"> <li>Final written examination                      16th week</li> <li>Final oral examination                              16th week</li> </ul>	ب-التوقيت :time
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<ul style="list-style-type: none"> <li>• Final oral examination (marks) = 20.</li> <li>• Final-term examination (marks) = 80.</li> <li>• Total (marks) = 100.</li> </ul>	<p>ج-توزيع الدرجات :</p> <p><b>Marks distribution</b></p>
<p><b>List of References</b></p>	
<p><i>Amer R. (2021):</i> Handout for pathology, 1<sup>st</sup> year, Faculty of Medicine, Benha University</p>	<p>مذكرات</p> <p><b>Course note</b></p>
<p><i>Kierszenbaum, A. and Tres, L. (2018):</i> Histology and Cell Biology: An Introduction to Pathology, 3<sup>rd</sup> ed., Elsevier Health Sciences, New York.</p>	<p>ب-كتب ملزمة</p> <p><b>Required Books (Text Books)</b></p>
<p><i>Brooks, H. (2018):</i> General Pathology for Nurses, 3<sup>rd</sup> ed., John Wiley &amp; Sons, London.</p> <p><i>Reviews, C. (2017):</i> Histology and Cell Biology, Introduction to Pathology, 2<sup>nd</sup> ed., Wiley company, London.</p> <p><i>Moini, J. (2017):</i> Introduction to Pathology for the Physical Therapist Assistant, 2<sup>nd</sup> ed, Jones &amp; Bartlett Publishers, United States of America.</p>	<p>ج-كتب مقترحة</p> <p><b>Recommended Books</b></p>
<p><a href="http://www.med.sc.edu:85/book/welcome.htm">http://www.med.sc.edu:85/book/welcome.htm</a></p> <p><a href="http://www.webpath.com">http://www.webpath.com</a></p> <p><a href="http://www.emedicine.com">http://www.emedicine.com</a></p> <p><a href="http://www.pathologyoutlines.com">http://www.pathologyoutlines.com</a></p> <p><a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a></p>	<p>د- الدوريات و المواقع الالكترونية</p> <p><b>Periodicals, web sites</b></p>

رئيس القسم  
عنه د/ /  
١٠ / ٧  
٢٠٢٠

منسق المقرر  
دارالبيانات

نموذج  
توصيف مقرر دراسي  
بناء على المعايير الاكاديمية  
المبنية على الكفايات

ابريل ٢٠١٧

جامعة: بنها  
كلية: التمريض

قسم: الباراسيتولوجي- كلية الطب البشرى جامعة بنها  
تاريخ اعتماد التوصيف: مجلس الكلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠  
١- بيانات المقرر:

الفرقة / المستوى :	اسم المقرر: Parasitology	الرمز الكودي : MED ١٢٢
<b>First year/ Second term</b>	عدد الساعات التدريسية:	التخصص : Bachelor Degree in Nursing Science
<b>Theory:</b> (2) hours ×15 weeks		
<b>Practice:</b> (1) hours ×15 weeks		

## 2 - Aim of the course:

This course aims to acquire undergraduate students with the necessary information and special skills to identify the basic morphological properties of parasites, their life cycle, and its mode of transmission. It also provides preventive and therapeutic means for parasitic diseases.

### 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
<b>Competence 1. 1.</b> <b>Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.</b>	1.1.4- Conduct responsibility and accountability for care within the scope of professional and practical level of competence.	- Medical helminthology introduction	1.1.4.1- Identify key terms of parasitology.	- cooperative learning - interactive lectures - electronic learning	PowerPoint presentation	- Final written exam
		- Types of parasites.	1.1.4.2-Enumerate the common and endemic parasitic infections.	- Blended learning - interactive lectures - Discussion	videos	- Final written exam - Final oral exam
		- Clinical manifestations of parasites	1.1.4.3- Describe the clinical manifestations of parasitic diseases.	- interactive lectures -Critical thinking - Blended learning	Smart media	- Final written exam
		- Complications, and medications of parasitic diseases.	1.1.4.4- List differential diagnosis and complications of parasitic diseases.	- electronic learning - Discussion - Blended learning	PowerPoint presentation	- Final written exam
		- Life cycle of parasites	1.1.4.5- Discuss the pathogenesis of parasitic infections and relate the stage of the life cycle to its pathogenesis and clinical signs and symptoms.	- cooperative learning - Discussion - interactive lectures	PowerPoint presentation	- Final written exam
		- Laboratory investigations	1.1.4.6- Investigate different parasites under microscope.	- interactive lectures - electronic	videos	- semester work - Final practical

				learning - Discussion		exam
		- Safety measures of handling samples	1.1.4.7-Implement precautions for collection of different samples before analysis.	- role play - interactive lectures - cooperative learning	Smart media	- semester work - Final practical

### Domain No. 2: Holistic patients/clients care

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> <b>Provide holistic and evidence-based nursing care in different practice settings.</b>	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	- Medical protozoology	2.1.1.1 - Enumerate signs and symptoms of common protozoal infection.	- Blended learning - interactive lectures  - Discussion	videos	- Final written exam
			2.1.1.2 - State the habitat of different parasites.	- critical thinking - interactive lectures  - Discussion	Smart media	- Final written exam
		- Class trematoda - Class nematode	2.1.1.3- Differentiate between different types of parasites.	- interactive lectures - Blended learning  - electronic learning	PowerPoint presentation	- Final written exam

			2.1.1.4- Describe different preventive and control measures for trematode infection.	-discussion - Blended learning - electronic learning	Smart media	- Final oral exam
		- Intestinal nematodes - Tissue nematodes	2.1.1.5- Classify intestinal and tissue nematodes.	- interactive lectures - electronic learning - Discussion	videos	- Final written exam - Final oral exam
2.1.3 Apply holistic patients/clients care respecting individual and family diversity.		-Laboratory investigations	2.1.3.1- Interpreting in a professional manner diagnostic results parasitic infection with respecting people diversity.	- critical thinking - electronic learning - Blended learning	Smart media	- Final oral exam
		- Life cycle of nematode parasite.	2.1.3.2- Draw life cycle of nematode parasite.	- interactive lectures - electronic learning - Discussion	PowerPoint presentation	- Final written exam
		- Prevention and control of parasitic diseases	2.1.3.3-Identify different methods of parasitic prevention.	- critical thinking - interactive lectures - electronic learning	videos	- Final written exam - Final oral exam
			2.1.3.4-Apply different control measures for parasitic infection.	- cooperative learning - interactive lectures -discussion	Smart media	-semester work - Final practical exam

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.2</b> <b>Provide health education based on the needs/problems of the patient/client within a nursing framework.</b>	2.2.5 Communicate health information and coordinate health education/promotion activities effectively according to patients/clients' needs.	- Medications of parasitic infections	2.2.5.1- List the effective therapeutic measures of parasitic infections.	- Blended learning - interactive lectures. - electronic learning	videos	- Final written exam
		- Medical helminthology and medical entomology	2.2.5.2- Integrate the most important signs and symptoms of important parasitic infections and the laboratory test findings into a meaningful diagnostic significance.	- interactive learning - interactive lectures. - critical thinking	PowerPoint presentation	- Final written exam
		- Stool examination and urine examination	2.2.5.3- Perform stool and urine examination.	- electronic learning - interactive lectures - discussion	Smart media	- semester work - Final practical exam
		- Sputum examination and blood examination	2.2.5.4- Collect blood and sputum examination.	- cooperative learning - interactive lectures - discussion	videos	- semester work - Final practical exam
		- Morphology of parasites.	2.2.5.5- Differentiate between morphology of various parasites.	- Blended learning - interactive lectures. - electronic learning	PowerPoint presentation	- Final written exam - Final oral exam



## Domain 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> <b>Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.</b>	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.	Sampling	4.1.2.1- Use computer effectively to retrieve data about in reaching parasitological information to remain current with advances in knowledge and practice.	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> <li>- electronic learning</li> </ul>	Smart media	<ul style="list-style-type: none"> <li>- semester work</li> <li>- Final practical exam</li> </ul>
		- Liver fluke	4.1.2.2- Apply information technology during Interpret patient's data in an organized and informative manner.	<ul style="list-style-type: none"> <li>- critical thinking</li> <li>- interactive lectures</li> <li>- electronic learning</li> </ul>	videos	<ul style="list-style-type: none"> <li>- semester work</li> <li>- Final practical exam</li> </ul>
		-Intestinal flukes	4.1.2.3- Explain the pathogenesis of parasitic infections and relate the stage of the life cycle to its pathogenesis and clinical signs and symptoms.	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> <li>- electronic learning</li> </ul>	Smart media	<ul style="list-style-type: none"> <li>- Final written exam</li> <li>- Final oral exam</li> </ul>
		-Blood flukes (Schistosoma)	4.1.2.4- Use the internet and other electronic sources as	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> </ul>	PowerPoint presentation	<ul style="list-style-type: none"> <li>- semester work</li> </ul>

			a mean of communicates and sources of information.	- electronic learning		- Final practical exam
		- Class cestoidean	4.1.2.5- Evaluate the benefits of computerized information management to overcome documentation obstacles.	- cooperative learning - interactive lectures - electronic learning	Smart media	- Final written exam - Final oral exam

**Chapter 1: Medical helminthology introduction**

**( Class trematoda)**

- Types of parasites, life cycle, morphology, complications, medications and clinical manifestations
- Liver fluke
- Intestinal flukes
- Blood flukes (Schistosoma)

**Chapter2: Class cestodean**

- Intestinal cestodes
- Extra intestinal cestodes

**Chapter 3: Class nematode**

- Intestinal nematodes
- Tissue nematodes

**Chapter 4: Medical Protozoology**

- Intestinal protozoa
- Blood protozoa

**Chapter 5: Sampling**

- Collection of samples
- Laboratory investigations
- Safety measures of handling samples
- Stool examination
- Urine examination
- Sputum examination
- Blood examination

**Chapter 6: Medical entomology, prevention and control of parasitic diseases.**

Course : محتوي المقرر

**Contents**

<ul style="list-style-type: none"> <li>● Modified lecture, Small group discussion, (Assessment skills)</li> <li>● Demonstration and re-demonstration in Lab.</li> <li>● Role play.</li> <li>● Blended learning / online learning.</li> </ul>	<p>5-أساليب التعليم والتعلم :</p> <p><b>Teaching and Learning Methods</b></p>
<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <ul style="list-style-type: none"> <li>- Activate academic supervision to solve students' problem.</li> <li>- The teaching academic members support the weakened students through library hours.</li> <li>- Revision lectures and scientific lessons to all students especially defaulting students.</li> <li>- Make routine exams to early discover the weakened students. (quizzes).</li> </ul>	<p>6أساليب التعليم والتعلم للطالب ذوي القدرات المحدودة</p> <p><b>Teaching and Learning Methods of Disables</b></p>
<p><b>Teaching and learning methods for excellent students:</b></p> <ul style="list-style-type: none"> <li>- Motivate the students to participate in available activities as sports, arts, cultures and science.</li> <li>- Motivate students to participate in activities directing to community services and environment development .</li> <li>- Training students for effective evaluation to teaching learning process through questionnaire</li> </ul>	
<p><b>Students Assessment:</b></p>	
<ul style="list-style-type: none"> <li>● Final practical examination</li> <li>● Final oral examination</li> <li>● Final written examination + electronic exam.</li> </ul>	<p>7- تقويم الطالب:</p> <p>أ-الاساليب المستخدمة</p> <p><b>Used Methods</b></p>

<ul style="list-style-type: none"> <li>● Final practical examination ١٥<sup>th</sup> week</li> <li>● Final term examination ١٦<sup>th</sup> week</li> <li>● Final oral examination ١٦<sup>th</sup> week</li> </ul>	ب-التوقيت: time:
<ul style="list-style-type: none"> <li>● Final practical examination ١٠</li> <li>● Final oral examination ١٠</li> <li>● Final written examination ٨٠</li> <li>● Total (marks) = ١٠٠</li> </ul>	ج-توزيع الدرجات: Marks distribution
List of References 8-قائمة الكتب الدراسية والمراجع	
<i>Rashed S.</i> (٢٠٢١): Handout for Parasitology, ١ <sup>st</sup> year, Faculty of Medicine, Benha University.	أ- مذكرات: Course note
<i>Cox F G.</i> (٢٠١٨): Modern Parasitology: A Textbook of Parasitology ٢ <sup>nd</sup> ed, Wiley company, USA.	ب-كتب ملزمة Required Books (Text Books)
<p><i>Mehlhorn H.</i> (٢٠١٨): Progress in Parasitology, ١<sup>st</sup> ed. Springer Company, New York.</p> <p><i>Bogitsh B J. Carter CE. and Oeltmann TN.</i> (٢٠١٧): Human Parasitology, (٤<sup>th</sup> ed.) Elsevier, USA.</p> <p><i>Rollinson D. and Hay S I.</i> (٢٠١٧): Advances in Parasitology, (١<sup>st</sup>ed). Elsevier Co: USA.</p> <p><a href="http://www.med.sc.edu/~book/welcome.htm">http://www.med.sc.edu/~book/welcome.htm</a></p> <p><a href="http://www.emedicine.com">http://www.emedicine.com</a></p> <p><a href="http://www.Pubmed.com">http://www.Pubmed.com</a></p> <p><a href="http://WWW.parasitology.org.uk">http://WWW.parasitology.org.uk</a></p> <p><a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a></p>	<p>ج-كتب مقترحة Recommended Books</p> <p>د- الدوريات و المواقع الالكترونية Periodicals, web sites</p>

رئيس القسم: أ.د. احسان جابر  
٢٠٢١/١١/٧

منسق المقرر: دريا جعفر

نموذج  
توصيف مقرر دراسي  
بناء على المعايير الاكاديمية  
المبنية على الكفايات

ابريل ٢٠١٧

جامعة: بنها  
كلية: التمريض

قسم: الميكروبيولوجي - كلية الطب البشرى جامعة بنها  
تاريخ اعتماد التوصيف: مجلس الكلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠  
١- بيانات المقرر:

الفرقة / المستوى :	اسم المقرر: Microbiology	الرمز الكودي : MED ١٢٣
First year/ Second term	عدد الساعات التدريسية:	التخصص : Bachelor Degree in Nursing Science
Theory: (2) hours ×15 weeks		
Practice: (1) hours ×15 weeks		

## 2 - Aim of the course:

This course aims to equip undergraduate students with knowledge and skills regarding basics of microbiology and medical immunology and the factors affecting them from the clinical point of view, including the characteristics of microorganisms and their relationship to human health as well as basics of occurrence of infection and infection control.

### 3-Course specification based on competency:

#### Domain No. 1: Professional and ethical practice

توصيف المقرر المبني على الكفايات

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 1. 1.</b> <b>Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.</b>	1.1.4- Conduct responsibility and accountability for care within the scope of professional and practical level of competence.	- Introduction to microbiology	1.1.4.1-Identify key terms of microbiology	- Interactive lectures - electronic learning -critical thinking	videos	- Final written exam - Final oral exam
		- Immunology	1.1.4.2-Identify key terms of immunology.	- Discussion - electronic learning -cooperative learning	PowerPoint presentation	- Final written exam - Final oral exam
		- Types and transmission of infections	1.1.4.3-Explain the various types of bacterial infection	- Interactive lectures - electronic learning -Interactive learning	Smart media	- Final written exam - Final oral exam
			1.1.4.4-Enumerate causative agents of infection.	- electronic learning - Interactive lectures - Discussion	PowerPoint presentation	- Final written exam - Final oral exam
			1.1.4.5- Analyze the different infectious diseases, their etiology and modes of transmission.	Discussion - electronic learning -critical thinking	Smart media	- Final written exam - Final oral exam
		- Safety and general laboratory instructions.	1.1.4.6- Examine the human specimen for microbial infection.	- Discussion - electronic learning - Interactive lectures	videos	- Clinical Lab. Evaluation - Final practical exam

		- Safety measures of handling samples	1.1.4.7- Practice safety measures when handling infectious materials	- interactive lectures - electronic learning -discussion	PowerPoint presentation	- Clinical Lab. Evaluation - Final practical exam
		- Microscopic identification and bacterial morphology	1.1.4.8-Discuss bacterial cell structure.	- Blended learning - interactive lectures -critical thinking	Smart media	- Final written exam - Final oral exam
		- Collection and transport of medical specimens.	1.1.4.9- Implement standardized guidelines when handling collecting and transporting of specimens for microbiological examination.	- Discussion - electronic learning  - interactive lectures	videos	- Clinical Lab. Evaluation - Final practical exam



**Domain No. 2: Holistic patients/clients care**

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> <b>Provide holistic and evidence-based nursing care in different practice settings.</b>	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	- Infection control and trace of infection.	2.1.1.1 - Enumerate the different approaches of disease prevention	-discussion - Blended learning - interactive lectures	videos	- Final written exam  - Final oral exam
			2.1.1.2-Explain principles of infection control	- Blended learning -cooperative learning - electronic learning	Smart media	- Final written exam  - Final oral exam
		- Disinfection and sterilization.	2.1.1.3 -Describe the most important methods of disinfection and sterilization.	- interactive learning - electronic learning -discussion	PowerPoint presentation	- Final oral exam
		-Immunology	2.1.1.4-Identify the vaccine administration precautions and contraindications to avoid adverse events following immunization.	- Blended learning - interactive lectures - Discussion	Smart media	- Final written exam  - Final oral exam

			2.1.1.5- Compare between different types of vaccines.	- interactive lectures - electronic learning -discussion	PowerPoint presentation	- Final written exam - Final oral exam
			2.1.1.6- Interpret types of immunity and immune responses.	- Blended learning - interactive lectures -critical thinking	videos	- Final written exam - Final oral exam
		-Antimicrobial resistance	2.1.1.7- Describe the basics of antimicrobial agents and resistance	- electronic learning - interactive lectures -cooperative learning	PowerPoint presentation	- Final written exam
	2.1.3 Apply holistic patients/clients care respecting individual and family diversity.	-Different types of culture media  -Disinfection and sterilization.	2.1.3.1- Apply different methods of sterilization and disinfection.	- Blended learning - interactive lectures -critical thinking	Smart media	- Final practical exam
		- Metabolism, reproduction and growth curve.	2.1.3.2- Explain metabolism and reproduction of growth curve.	- Blended learning - Discussion - interactive lectures	PowerPoint presentation	- Final oral exam
		- Infection control training practices.	2.1.3.3- Apply the principle and aseptic precautions in healthcare settings.	- electronic learning -discussion - Blended learning	videos	- Final practical exam

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
Competence 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/clients' needs.	-Antimicrobial chemotherapy	2.2.5.1- List complications of antimicrobial chemotherapy.	- interactive lectures - electronic learning - Interactive learning	Smart media	- Final written exam
		-Applied immunology -Autoimmune diseases and immunodeficiency.	2.2.5.2- Demonstrate vaccine storage practices and vaccine administration techniques.	- Discussion - electronic learning -critical thinking	PowerPoint presentation	- Final practical exam

		-Nosocomial infection. -Microbial pathogenicity and host parasite relationship.	2.2.5.3- Integrate the most important signs and symptoms of important microbial infections and the laboratory test findings into a meaningful diagnostic significance.	- Blended learning - interactive lectures - discussion	videos	- Final written exam
		- Blood groups.	2.2.5.4- Identify blood groups and cross matching	- Discussion - electronic learning - interactive learning	Smart media	- Final written exam - Final oral exam
		- Antiglobulin test (Coomb test).	2.2.5.5- Describe Antiglobulin test (Coomb test).	- interactive lectures - cooperative learning	PowerPoint presentation	- Final written exam
		-Morphology of bacteria (Simple stain and Gram stain).	2.2.5.6- Distinguish the main different classes of bacteria based on their different morphological and staining characteristics under the microscope	- interactive lectures - electronic learning - discussion	videos	- Final written exam - Final oral exam - Final practical exam
		- Different types of culture media.	2.2.5.7-Distinguish the main different types of culture media.	- interactive lectures - electronic learning- Blended learning	Smart media	- Final written exam
		-Mycobacteria (Mycobacterium tuberculosis and leprae).	2.2.5.8- Perform correct measurement of tuberculin skin test results.	- electronic learning - interactive lectures - interactive learning	PowerPoint presentation	- Final practical exam

## Domain 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> <b>Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.</b>	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.	-Basic mycology and fungal infection	4.1.2.1- Use computer effectively to retrieve data about in reaching microbiological information to remain current with advances in knowledge and practice.	<ul style="list-style-type: none"> <li>- electronic learning</li> <li>- interactive lectures</li> <li>-critical thinking</li> </ul>	videos	- Final practical exam
		- Viral structure, classification, and pathogenesis.  -DNA viruses and RNA viruses.	4.1.2.2- Use the internet and other electronic sources as a mean of communication and sources of information regarding DNA and RNA.	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> <li>- Discussion</li> </ul>	Smart media	- Final practical exam
		-Hepatitis viruses.	4.1.2.3- Employee technology and information management tools to support safe care for hepatitis virus patients	<ul style="list-style-type: none"> <li>- interactive learning</li> <li>- Blended learning</li> <li>- interactive lectures</li> </ul>	PowerPoint presentation	- Final practical exam

		-Microbiological techniques.	4.1.2.4- Apply the principles of ethics with laboratory results for different microbiological techniques.	<ul style="list-style-type: none"> <li>- interactive lectures</li> <li>- electronic learning</li> <li>- Discussion</li> </ul>	videos	- Final practical exam
		-Smear preparation and Ziehl–Neelsen stain.	4.1.2.5-Evaluate the benefits of computerized information management to overcome documentation obstacles of smear stain results.	<ul style="list-style-type: none"> <li>- Blended learning</li> <li>- interactive lectures</li> <li>- critical thinking</li> </ul>	PowerPoint presentation	- Final oral exam

**Chapter 1: Introduction to microbiology**

- Bacterial cell structure.
- Bacterial physiology.
- Metabolism, reproduction and growth curve.
- Antimicrobial chemotherapy.
- Antimicrobial resistance.
- Microbial pathogenicity and host parasite relationship.
- Types and transmission of infections.
- Nosocomial infection.
- Infection control and trace of infection.

**Chapter2: Immunology**

- Introduction to immunology.
- Types of immunity (innate and acquired).
- Humoral and cell mediated immunity.
- Immune response.
- Antigen / Antibody reaction.
- Immunoglobulin.
- Autoimmune diseases and immunodeficiency.
- Immunoprophylaxis and vaccines.

**Chapter 3: Basic mycology and fungal infection**

- Mycobacteria (Mycobacterium tuberculosis and leprae).

**Chapter 4: Basic virology**

- Viral structure, classification, and pathogenesis.
- DNA viruses and RNA viruses.
- Hepatitis viruses.

**Chapter 5: Specimen collection and aseptic technique**

Course 4-محتوي المقرر :

**Contents**

<ul style="list-style-type: none"> <li>● Safety and general laboratory instructions.</li> <li>● Safety measures of handling samples.</li> <li>● Disinfection and sterilization.</li> <li>● Collection and transport of medical specimens.</li> <li>● Morphology of bacteria (Simple stain and Gram stain).</li> <li>● Different types of culture media.</li> <li>● Microbiological techniques.</li> <li>● Smear preparation and Ziehl–Neelsen stain.</li> <li>● Microscopic identification and bacterial morphology.</li> <li>● Antibiotic and culture sensitivity.</li> <li>● Infection control training practices.</li> </ul> <p><b>Chapter 6: Applied immunology</b></p> <ul style="list-style-type: none"> <li>● Agglutination reactions.</li> <li>● Haemagglutination.</li> <li>● Blood groups.</li> <li>● Cross matching.</li> <li>● Serial dilution.</li> <li>● Antiglobulin test (Coomb test).</li> </ul>	
<ul style="list-style-type: none"> <li>● Modified lecture, Small group discussion, (Assessment skills)</li> <li>● Demonstration and re-demonstration in Lab.</li> <li>● Blended learning / online learning.</li> </ul>	<p style="text-align: right;">5-أساليب التعليم والتعلم :</p> <p style="text-align: center;"><b>Teaching and Learning Methods</b></p>



<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <ul style="list-style-type: none"> <li>- Activate academic supervision to solve students' problem.</li> <li>- The teaching academic members support the weakened students through library hours.</li> <li>- Revision lectures and scientific lessons to all students especially defaulting students.</li> <li>- Make routine exams to early discover the weakened students. (quizzes).</li> </ul>	<p>أساليب التعليم والتعلم للطالب ذوي القدرات المحدودة</p> <p><b>Teaching and Learning Methods of Disables</b></p>
<p><b>Teaching and learning methods for excellent students:</b></p> <ul style="list-style-type: none"> <li>- Motivate the students to participate in available activities as sports, arts, cultures and science.</li> <li>- Motivate students to participate in activities directing to community services and environment development .</li> <li>- Training students for effective evaluation to teaching learning process through questionnaire</li> </ul>	
<p><b>Students Assessment:</b></p>	
<ul style="list-style-type: none"> <li>● Final practical examination</li> <li>● Final oral examination</li> <li>● Final written examination + electronic exam.</li> </ul>	<p>7- تقويم الطالب: أ- الأساليب المستخدمة</p> <p><b>Used Methods</b></p>
<ul style="list-style-type: none"> <li>● Final practical examination 14<sup>th</sup> week</li> <li>● Final term examination 16<sup>th</sup> week</li> <li>● Final oral examination 16<sup>th</sup> week</li> </ul>	<p>ب- التوقيت: <b>time:</b></p>
<ul style="list-style-type: none"> <li>● Final practical examination 10</li> <li>● Final oral examination 10</li> <li>● Final written examination 80</li> <li>● <b>Total (marks) = 100</b></li> </ul>	<p>ج- توزيع الدرجات : <b>Marks distribution</b></p>
<p><b>List of References</b></p>	<p>8- قائمة الكتب الدراسية والمراجع</p>

<i>Shafik A. (٢٠٢١):</i> Handout for Microbiology, 1 <sup>st</sup> year, Faculty of Medicine, Benha University.	مذكرات: Course note
<i>Sullivan H. and Gary P. (٢٠١٨):</i> Human pathogenic Fungi: Molecular Biology and Pathogenic Mechanism, 3 <sup>rd</sup> ed., Elsevier company, New York.	ب-كتب ملزمة Required Books ( Text Books )
<i>Jacquelyn GB. and Laura J. (٢٠٢٠):</i> Microbiology: Principles and Explorations 9 <sup>th</sup> ed., McGraw-Hill Education, London. <i>Hawley L. Clarke B. et al. (٢٠١٩):</i> Microbiology and Immunology, 8 <sup>th</sup> ed., Textbook Reviews, United states of America. <a href="http://www.microbe.org/microbes/virus_or_bacterium.asp">http://www.microbe.org/microbes/virus_or_bacterium.asp</a> <a href="http://www.microbelibrary.org">http://www.microbelibrary.org</a> <a href="http://www.mic.ki.se/Diseases/c٢.html">http://www.mic.ki.se/Diseases/c٢.html</a> <a href="http://www.med.sc.edu:٨٥/book/welcome.htm">http://www.med.sc.edu:٨٥/book/welcome.htm</a> <a href="http://www.elearning.edu.eg.com">http://www.elearning.edu.eg.com</a>	ج-كتب مقترحة Recommended Books د- الدوريات و المواقع الإلكترونية Periodicals, web sites

رئيس القسم:

د. محمد عبد الحليم  
٢٠٢٠/١٧/١٧

ممنوق المقرر: د. محمد عبد الحليم

## نموذج

توصيف مقرر دراسي

بناء على المعايير الأكاديمية

المبنيّة على الكفايات ابريل

2017

جامعة : بنها

كلية: التمريض

قسم: كل الأقسام العلمية بالكلية

تاريخ اعتماد التوصيف : مجلس الكلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠

١- بيانات المقرر:

الفرقة / المستوى :	اسم المقرر : Health Assessment	الرمز الكودي: NUR 112
/First term First year	عدد الساعات التدريسية	التخصص : Bachelor Degree in Nursing Science
Theory (2) hours ×15 weeks		
Practice -----		

### 2 - Aim of the course:

This course aims to acquire undergraduate students with the knowledge and skills necessary for a comprehensive assessment of individuals' health, mastering the recognition of their medical history, and mastering the clinical examination of different body 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
<b>Competence 1. 1</b> -Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.1 Demonstrate creative thinking of legislative framework and nursing responsibility for nursing care.	-Introduction to health assessment.	1.1.11 Discuss different types of health assessment.	- cooperative learning - interactive lectures - electronic learning	Power point Presentation	-Final written exam
		- Assessment of Reproductive System.	1.1.1.2 Distinguish between health assessment of male and female reproductive system.	- Blended learning - interactive lectures - interactive learning	Smart media	-Final oral exam
		- Complete Health History.	1.1.1.3 Compare between normal and abnormal nutritional assessment.	- interactive lectures -critical thinking - discussion	videos	-Final written exam

			1.1.1.4 Describe key findings in a complete health history and physical examination.	- cooperative learning - interactive lectures - critical thinking	Smart media	- Final written exam
		- Basic assessment skills	1.1.1.5 Differentiate between different health assessments techniques.	- Blended learning - discussion - interactive learning	Power point Presentation	- Final oral exam
		- Assessment of the Neurologic System.	1.1.1.6 Discriminate normal and abnormal Glasgow coma scale.	- critical thinking - interactive lectures - electronic learning	Smart media	- Final written exam - Final oral exam
<b>Competence 1.1</b> - Demonstrate knowledge, understanding, responsibility and accountability of the	1.1.2 Apply ethical and professional nursing practice to conduct ethical decision	- Evidence-Based assessment.	1.1.2.1 Identify standardized nursing care to maintain human dignity and rights within professional responsibility in health assessment of human body.	- Blended learning - interactive lectures - electronic learning	videos	- Final oral exam

legal obligations for ethical nursing practice.	making.		1.1.2.2 Discriminate professional responsibility and respect the compliance to work through systems.	- cooperative learning - interactive learning -critical thinking	Smart media	-Final oral exam
		-Cultural competence.	1.1.2.3 Identify accountability and professional behavior in the classroom.	- blended learning - interactive lectures - discussion	Power point Presentation	-Final written exam -Final oral exam
		-Communication skills for health assessment.	1.1.2.4 Integrate value statement in nursing ethics in different physical examination practice situations.	- critical thinking - interactive lectures - electronic learning	Smart media	-Final written exam
		-Legal and ethical considerations of health assessment.	1.1.2.5 Use ethical principles as justice, beneficence, fidelity, and autonomy and privacy while perform a complete history and physical examination.	- discussion - interactive lectures - electronic learning	videos	-Final oral exam
<b>Competence 1. 1</b> -Demonstrate knowledge, understanding, responsibility and accountability of the	1.1.3 Implement policies and procedural guidelines in the field of nursing practice	-Health assessment techniques and safety.	1.1.3.1 List different instruments used in health assessment.	- Blended learning - interactive lectures - cooperative learning	Power point Presentation	-Final written exam -Final oral exam

legal obligations for ethical nursing practice.	considering patients/clients rights.		1.1.3.2 Identify patients' rights, autonomy and privacy in accordance with institutional polices	- interactive learning - interactive lectures - critical thinking	Smart media	-Final oral exam
		-Complete Health History.	1.1.3.3 Utilize health history findings to guide physical examination.	- cooperative learning - interactive lectures - electronic learning	videos	-Final written exam
		-Basic assessment skills -Inspection - Palpation - Percussion -Auscultation - Interpretation	1.1.3.4 Differentiate techniques of physical assessment (Inspection, palpation, percussion, auscultation).	- Blended learning - interactive lectures - critical thinking	Smart media	-Final written exam -Final oral exam
			1.1.3.5 enumerate principles to nursing assessment.	- interactive learning - interactive lectures - critical thinking	Power point Presentation	-Final written exam
			1.1.3.6 Analyze the abnormal breathing sounds.	- critical thinking - interactive lectures - electronic learning	videos	-Final written exam
		Steps of the interview.	1.1.3.7 Differentiate between interviewing techniques.	- critical thinking - discussion - electronic learning	videos	-Final written exam

						-Final oral exam
<b>Competence 1.1</b> -Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.4 Conduct responsibility and accountability for care within the scope of professional and practical level of competence.	-General inspection and survey.	1.1.4.1 Build up the competencies with an overview of normal structure and function of the body and major systems.	- Blended learning - interactive lectures - cooperative learning	Power point Presentation	-Final written exam  -Final oral exam
			1.1.4.2 Discuss general inspection and survey.	- discussion - interactive lectures - electronic learning	Smart media	-Final written exam
		-Pain assessment	1.1.4.3 Explain briefly Pain assessment.	- cooperative learning - interactive lectures - electronic learning	videos	-Final written exam  -Final oral exam
		-Nutritional assessment.	1.1.4.4 Discuss health assessment of nutritional health status.	- Blended learning - discussion - electronic learning	Smart media	-Final written exam  -Final oral exam
		-Health assessment techniques and safety.	1.1.4.5 Demonstrate responsibility in providing nursing care during patient assessment.	- critical thinking - - interactive lectures - interactive learning	Power point Presentation	-Final written exam  -Final oral exam



## Domain No. 2 : Holistic patients/clients care

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> -Provide holistic and evidence-based nursing care in different practice settings.	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	-Complete Health History.	2.1.1.1 Determine health history findings to guide health history findings to guide physical examination.	- Blended learning - interactive lectures - critical thinking	Power point Presentation	-Final written exam  -Final oral exam
		-Evidence-Based assessment.	2.1.1.2 Use best evidence- based practices to manage actual or potential health problems during review the survival needs of the body.	- cooperative learning - interactive lectures - interactive learning	videos	-Final written exam  -Final oral exam
		-Cultural competence	2.1.1.3 Demonstrate patient classification system based on holistic assessment for patient.	- critical thinking - interactive lectures - discussion	Smart media	-Final written exam  -Final oral exam
<b>Competence 2.1</b> -Provide holistic and evidence-based nursing care in different practice settings.	2.1.2. Conduct holistic nursing care that addresses patients/clients,	-Basic assessment skills	2.1.2.1 Outline legal and ethical considerations of health assessment.	- cooperative learning - interactive lectures - electronic learning	Power point Presentation	-Final written exam  -Final oral exam

families and communities needs and problems across life span.		2.1.2.2 Follow safety guidelines in the performance of nursing practical skills.	- discussion - interactive lectures - electronic learning	videos	-Final written exam  -Final oral exam
		2.1.2.3 Differentiate between basic assessment skills.	- cooperative learning - interactive lectures - electronic learning	Smart media	-Final written exam  -Final oral exam
		2.1.2.4 Practice holistic care during patient's health assessment in different settings.	- Blended learning - discussion - electronic learning	Power point Presentation	-Final written exam  -Final oral exam
	-Evidence-Based assessment.	2.1.2.5 Summarize Evidence-Based assessment.	- interactive lectures - interactive learning - electronic learning	videos	-Final written exam  -Final oral exam

<b>Competence 2.2</b> -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/clients needs.	-Evidence-Based 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 written exam  -Final oral exam
		-Assessment of the Musculoskeletal System.	2.2.5.2 Review the assessment of the musculoskeletal system.	- critical thinking - interactive lectures - electronic learning	Smart media	-Final written exam  -Final oral exam

**Domain NO. 3: Managing people ,work environment and quality**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<p><b>Competence 3.1</b> -Demonstrate effective managerial and leadership skills in the provision of quality nursing care.</p>	<p>3.1.2. Design and implement change contributing the improvement of health care provision.</p>	<p>Health assessment techniques and safety.</p>	<p>3.1.2.1 Implement standardized protocols and guidelines during comprehensive health assessment</p>	<ul style="list-style-type: none"> <li>- interactive learning</li> <li>- interactive lectures</li> <li>- electronic learning</li> </ul>	<p>Power point presentation</p>	<ul style="list-style-type: none"> <li>-Final written exam</li> <li>- Final oral exam</li> </ul>

**DOMAIN NO. 4: Informatics and technology**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> -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 system on nurses' role while providing holistic patient-centered care.	-Evidence-Based assessment.	4.1.3.1 Evaluate the benefits of computerized information management to overcome documentation obstacles.	- Blended learning - interactive lectures - electronic learning	Smart media	-Final written exam - Final oral exam
		-Assessment of the cardiovascular (peripheral vascular and lymphatic system)	4.1.3.2 Discuss factors affecting cardiac properties.	- critical thinking - interactive lectures - electronic learning	videos	-Final written exam - Final oral exam
		-Physical Assessment.	4.1.3.3 Demonstrate principles of comprehensive assessment of health status.	- discussion - interactive lectures - electronic learning	Power point presentation	-Final written exam - Final oral exam

**Course Contents**

**Unit I:**

- 1- Introduction to health assessment.
- 2- Evidence-Based assessment.
- 3- Cultural competence.
- 4- Steps of the interview.
- 5- Communication skills for health assessment.
- 6- Legal and ethical considerations of health assessment.
- 7- Complete Health History.

**Unit II:**

- 1- Health assessment techniques and safety.
- 2- General inspection and survey.
- 3- Measurements and overview vital signs.
- 4- Nutritional assessment.
- 5- Pain assessment.

**Unit III:**

- 1- Physical Assessment.
- 2- Basic assessment skills
  - Inspection
  - Palpation
  - Percussion
  - Auscultation
  - Interpretation

**Unit IV:**

Assessment of the Integumentary System.

**Unit V:**

Assessment of the Head and Neck.

- Lymph Nodes

- Mouth
- Nose
- Throat
- Eye
- Ears

**Unit VI:**

Assessment of the Respiratory System.

**Unit VII:**

Assessment of the Cardiovascular (peripheral vascular and lymphatic system).

**Unit VIII:**

Assessment of the abdomen, anus, rectum and prostate.

**Unit IX:**

Assessment of the Urinary System.

**Unit X:**

Assessment of the Neurologic System, mental status assessment.

**Unit XI:**

Assessment of the Musculoskeletal System.

**Unit XII:**

Assessment of Reproductive System.

1. Breast and regional lymphatic (female genitourinary system).
2. Male genitourinary system.

**Unit XIII:**

Substance use assessment “domestic and family violence assessment.

- Blended learning
- Modified lectures
- Online learning

5-أساليب التعليم والتعلم:

**Teaching and Learning  
Methods**

<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <ul style="list-style-type: none"> <li>- Activate academic supervision to solve students' problem.</li> <li>- The teaching academic members support the weakened students through library hours.</li> <li>- Revision lectures to default students.</li> </ul>	<p>٦- أساليب التعليم والتعلم للطالب المحدودة القدرات ذوي <b>Teaching and Learning Methods of Disables</b></p>
<p><b>Teaching and learning methods for excellent students:</b></p> <ul style="list-style-type: none"> <li>- Motivate the students to participate in available activities as sports, arts, cultures and science.</li> <li>- Motivate students to participate in activities directing to community services and environment development .</li> </ul>	
<p><b>Students Assessment:</b></p>	
<ul style="list-style-type: none"> <li>● Final written examination</li> <li>● Final oral examination.</li> </ul>	<p>7- الطالب: تقويم أ- الأساليب المستخدمة <b>Used Methods</b></p>
<ul style="list-style-type: none"> <li>● Final written examination                      16th week</li> <li>● Final oral examination                              16th week</li> </ul>	<p>ب- التوقيت: <b>time</b></p>



<ul style="list-style-type: none"> <li>• Final oral examination (marks) = ٢٠.</li> <li>• Final-term examination (marks) = ٨٠.</li> <li>• Total (marks) = ١٠٠.</li> </ul>	ج- توزيع الدرجات :
<b>List of References</b>	<b>Marks distribution</b>
<b>Health Assessment - Lecture notes (٢٠٢١):</b> Prepared by faculty staff members, Faculty of nursing, Benha university.	الكتب 8- الدراسية والمراجع قائمة
<b>Bickley, L.S. and Szilagy, P.G. (٢٠١٧):</b> Bates' Guide to Physical Examination and History Taking, ١٢ <sup>th</sup> ed. Philadelphia: Wolters Kluwer.	أ- مذكرات
<b>Dover, A.R., Innes, J.A. and Fairhurst, K. (٢٠١٨):</b> General aspects of examination, ١٤ <sup>th</sup> ed. London.	ب- كتب ملزمة
<b>Estes, M. Z. (٢٠١٣):</b> Health Assessment and Physical Examination, ٥ <sup>th</sup> ed. New York.	<b>Required Books (Text Books)</b>
<b>Alfaro-LeFevre, R. (٢٠١٤):</b> Applying Nursing Process: The Foundation for Clinical Reasoning. Philadelphia: Lippincott Williams & Wilkins.	ج- كتب مقترحة
<b>Jensen, S. (٢٠١٥):</b> Nursing health assessment: a best practice approach. ٢ <sup>nd</sup> Edition. Philadelphia: Wolters Kluwer Health.	<b>Recommended Books</b>
<b>Altman, G.B., (٢٠١٨):</b> Fundamental and advanced nursing skills .٥ <sup>th</sup> ed. Oxford: Wiley Blackwell.	د- الدوريات و المواقع الالكترونية
<a href="http://www.RN.com">http://www.RN.com</a>	<b>Periodicals, web sites</b>
<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>	
<a href="http://www.cdc.gov/">http://www.cdc.gov/</a>	
<a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a>	

رئيس القسم: أ.د/ صابر  
٢٠١٧/١٠/٢٠

منسق المقرر: د. هادي عبد الجواد

## نموذج

### توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: التشريح - كلية الطب - جامعة بنها

تاريخ اعتماد التوصيف مجلس الكلية جلسة (127) 2020/10/25

1- بيانات المقرر:

الفرقة / المستوى : First year /First term	اسم المقرر :Anatomy	الرمز الكودي MED112:
	عدد الساعات التدريسية Theory 15 weeks× 2 hours  Practice 1 hour ×15 weeks	التخصص :Bachelor Degree in Nursing Science

#### 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:

**Domain No.1: Professional and ethical practice**

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 1. 1</b> Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.2 Apply ethical and professional nursing practice to conduct ethical decision making.	Introduction for anatomy	1.1.2.1 Integrate the ethical and legal responsibilities while dealing with human body	Interactive Lecture Discussion Electronic learning	Power point presentation	Final written exam Final oral exam
			1.1.2.2 Mention the basic ethical and medico legal principles relevant to the Anatomy.	Educational video Blended learning Electronic learning	Power point presentation	Final written exam Final oral exam
	1.1.3 Implement policies and procedural guidelines in the field of	Introduction to anatomy	1.1.3.1 Act 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
	nursing practice 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 Conduct responsibility and accountability for care within the scope of professional and practical level of competence	-Terms of anatomical position	1.1.4.1 Describe directional terms, anatomical position, and body planes to locate organs and structures in the human body	Educational video Blended learning Electronic learning	Power point presentation	Final practical exam
		-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
		-Mammary Glands	1.1.4.3 Illustrate the anatomical structure of the mammary glands	Educational video Blended learning Electronic learning	Power point presentation	Final 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

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-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	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> Provide holistic and evidence based nursing care in different practice settings	2.1.1. Provide 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 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 written exam Final oral exam
		-Terms of movements	2.1.1.3 List items of body movements.	Interactive Lecture Discussion Critical thinking	Power point presentation	Final written exam Final oral exam
		-Skeletal system	2.1.1.4. Classify different skeletal, cardiac and smooth muscles	Critical thinking Discussion Electronic learning	Power point presentation	Final written exam Final oral exam
		- Muscular system				
		-Cardio-vascular system	2.1.1.5 Discuss briefly parts of circulation.	Interactive Lecture Cooperative learning Electronic learning	Power point presentation	Final 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 written exam Final oral exam
		- Cardiovascular system				

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
		-Nervous system	2.1.1.7 Explain the term central and autonomic nervous systems	Interactive Lecture Discussion Electronic learning	Power point presentation	Final written exam Final oral exam
		- Abdominal cavity	2.1.1.8 List abdominal cavity contents.	Educational video Blended learning Electronic 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 Electronic learning	Power point presentation	Final written exam Final oral exam
		-Genital system	2.1.1.10Differentiate between genital anatomical structure of male and female.	Cooperative learning Critical thinking Electronic learning	Power point presentation	Final written exam Final oral exam

**I- Introduction:**

- 1- Terms of anatomical position
- 2- Terms of direction
- 3- Terms of movements

**II- Skeletal system:**

- 1- Cartilage
- 2- Bone

**III- Joints:**

- 1- Structural
- 2- Functional

**IV- Muscular system:**

- 1- Skeletal
- 2- Cardiac
- 3- Smooth

**V- Nervous system:**

- 1- Neuron
- 2- Parts of the nervous system

**VI- Cardio-vascular system:**

- 1- Heart
- 2- Parts of circulation
- 3- Blood vessels
- 4- Lymphatic system

**VII- Respiratory system:**

**VIII- Abdominal cavity:**

- 1- Boundaries

4- محتوى المقرر:

**Course Content**



<p>2-Regions &amp; contents</p> <p><b>X-Digestive system:</b></p> <p>1-Digestive tube</p> <p>2-Digestive organs</p> <p><b>X-Excretory system:</b></p> <p><b>XI-Genital system:</b></p> <p>1-Male genital system</p> <p>2-Female genital system</p> <p><b>XII-Endocrine Glands</b></p> <p><b>XIII- Mammary Glands</b></p>	
<ol style="list-style-type: none"> <li>1. Interactive Lecture</li> <li>2. Discussion</li> <li>3. Simulation</li> <li>4. Electronic learning</li> <li>5. Blended learning</li> <li>6. Role play</li> <li>7. Educational videos</li> <li>8. Critical thinking</li> <li>9. Cooperative learning</li> </ol>	<p>5-أساليب التعليم والتعلم:</p> <p><b>Teaching and Learning Methods</b></p>

<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <p>Activate academic supervision to solve students' problem.</p> <p>The teaching academic members support the defaulting students through library hours</p> <p>Revision lectures and scientific lessons to all students especially defaulting students</p>	<p>6-أساليب التعليم والتعلم للطالب المحدودة القدرات ذوي Teaching and Learning Methods of Disables</p>
<p><b>Teaching and learning methods for excellent students.</b></p> <p>Motivate the students to participate in available activities as sports, arts, cultures and science.</p> <p>Motivate students to participate in activities directing to community services and environment development .</p> <p>Training students for effective evaluation to teaching learning process through questionnaire</p>	
<p><b>7-الطالب:تقويم Students assessment:</b></p>	
<ul style="list-style-type: none"> <li>• Final written examination</li> <li>• Final oral examination.</li> <li>• Final practical evaluation</li> </ul>	<p>أ-الأساليب المستخدمة</p> <p><b>Used methods</b></p>
<p>-Final practical examination      14<sup>th</sup> week</p> <p>-Final oral examination              16<sup>th</sup> week</p> <p>-Final written examination          16<sup>th</sup> week</p>	<p>ب-التوقيت :Time</p>

<ul style="list-style-type: none"> <li>• Final practical examination 10</li> <li>• Final oral examination 10</li> <li>• Final written examination 80</li> <li>• Total 100</li> </ul>	<p>ج-توزيع الدرجات :</p> <p><b>Marks distribution</b></p>
<p>8- قائمة الكتب الدراسية والمراجع <b>List of References</b></p>	
<p><b>Eid, A . (2021):</b> Handout For Anatomy: Faculty of Medicine , Benha University</p>	<p>أ- مذكرات</p> <p><b>Course note</b></p>
<p><b>Morton, D., Albertine, K., Morton, D. and Foreman, B. (2020):</b>Big Picture: Gross Anatomy. 4<sup>th</sup> ed. Sinauer Associates. Philadelphia.</p>	<p>ب-كتب ملزمة</p> <p><b>Required Books (Text Books)</b></p>
<p><b>Drake, R. and Vogl, W. (2020).</b> Gray's Atlas of Anatomy (Gray's Anatomy), 3rd ed., Elsevier , USA</p>	<p>ج-كتب مقترحة</p> <p><b>Recommended Books</b></p>
<p><a href="http://www.med.sc.edu:85/book/welcome.htm">http://www.med.sc.edu:85/book/welcome.htm</a>  <a href="http://www.emedicine.com">http:// www.emedicine.com</a>  <a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a>  <a href="http://www.elearning.com">http:// www.e learning.com</a></p>	<p>د- الدوريات و المواقع الالكترونية</p> <p><b>Periodicals, websites</b></p>

رئيس القسم  


منسق المقرر





## نموذج

توصيف مقرر دراسي

بناء على المعايير الأكاديمية

المبنية على الكفايات ابريل

2017

جامعة : بنها

كلية: التمريض

قسم : قسم الفسيولوجي - كلية الطب- جامعة بنها

تاريخ اعتماد التوصيف : مجلس الكلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠

١- بيانات المقرر:

الفرقة / المستوى :	اسم المقرر : Physiology	الرمز الكودي : MED113
<b>/First term First year</b>	عدد الساعات التدريسية	التخصص : <b>Bachelor Degree in Nursing Science</b>
<b>Theory: (2) hours ×15 weeks</b>		
<b>Practice: -----</b>		

### 2 - 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.

**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
<b>Competence 1. 1</b> -Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations nursing practice.	1.1.4- Conduct responsibility and accountability for care within the scope of professional and practical level of competence.	-Homeostasis	1.1.4.1- Discuss basic concept of homeostasis and predict the outcome of deviations from homeostasis.	- Blended learning - Interactive lectures - Discussion	Power point presentation	-Final written exam -Final oral exam
		-Blood group and blood types	1.1.4.2- Distinguish between different blood components	- Discussion - electronic learning - Interactive lectures	videos	-Final written exam -Final oral exam
		-The heart	1.1.4.3-Differentiate between stages of cardiac cycle and heart sounds.	- cooperative learning - Interactive lectures - Discussion	Smart media	-Final written exam -Final oral exam
		-Respiratory system	1.1.4.4-Analyze the abnormal breathing sounds.	- critical thinking - Online learning - Interactive lectures	videos	-Final written exam -Final oral exam

## Domain No. 2 : Holistic patients/clients care

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> -Provide holistic and evidence-based nursing care in different practice settings.	2.1.1 Provide holistic patients/clients care focused on biopsychosocial and environmental assessment of health and illness in different setting.	-The immune system	2.1.1.1. Summarize components of the immune system.	- Interactive lectures - Blended learning - Discussion	Power point presentation	-Final written exam
			2.1.1.2. Discuss the immune responses of the body.	- Blended learning - Interactive lectures - Discussion	videos	-Final written exam
		-Cardiac muscle tissue and cardiac conduction system.	2.1.1.3 Describes the normal functional structure of circulatory system.	- Discussion - electronic learning - Interactive lectures	Smart media	-Final oral exam
		-The cardiac cycle.	2.1.1.4 Differentiate between stages of cardiac cycle and heart sounds.	- interactive learning - Interactive lectures - Discussion	Power point presentation	-Final written exam -Final oral exam
<b>Competence 2.1</b> -Provide holistic And evidence-based nursing care in different practice settings.	2.1.3 Apply holistic patients/clients care respecting individual and family diversity.	-The respiratory system	2.1.3.1 Provide holistic care regarding auscultation of lung and bowel sounds with respecting people diversity	- electronic learning - Discussion - Blended learning	Power point presentation	-Final oral exam
		-Innate immunity.	2.1.3.2 Differentiate between innate immunity and adaptive immunity.	- Interactive lectures - Blended learning - Discussion	videos	-Final written exam

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.2</b> -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 urinary system	2.2.5.1 Illustrate the functions of urinary system.	- Blended learning - Interactive lectures - electronic learning	videos	-Final written exam
		-The nervous system and neural excitability	2.2.5.2 Identify the effect of parasympathetic stimulation.	- Interactive lectures - electronic learning - Discussion	Smart media	-Final written exam
			2.2.5.3 Differentiate between synaptic transmission and neurotransmitters	- Interactive lectures - electronic learning - Discussion	Power point presentation	-Final written exam



## Domain 4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
Competence 4.1 -Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.2. Employ 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 effectively to retrieve data about in reaching biomedical information to remain current with advances in knowledge and practice.	- discussion - Interactive lectures - electronic learning	Smart media	-Final written exam -Final oral exam
			4.1.2.2 Discuss factors affecting cardiac properties.	- critical thinking - Interactive lectures - electronic learning	Power point presentation	-Final written exam -Final oral exam
			4.1.2.3 Evaluate the benefits of computerized information management to overcome documentation obstacles.	- discussion - Interactive lectures - electronic learning	videos	-Final written exam -Final oral exam
		-ECG, Cardiac output.	4.1.2.4 Identify principles of comprehensive assessment of <i>physiological</i> health status.	- Interactive lectures - electronic	Smart media	-Final written exam -Final oral exam

				learning - discussion		
			4.1.2.5 Use the internet and other electronic sources as a mean of communicates and sources of information.	- discussion - Interactive lectures - electronic learning	videos	-Final written exam  -Final oral exam

**Unit I: Introduction to human physiology:**

- 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: Chemical composition of the body:**

- 1- How matter is organized.
- 2- Chemical bonds.
- 3- Chemical reactions.
- 4- Inorganic compounds and solutions.
- 5- Organic compounds.

**Unit III: Metabolism:**

- 1- An overview of metabolism.
- 2- Energy and metabolism.
- 3- Enzymes.
- 4- Nutrition and metabolism.

**Unit IV: The nervous system and neural excitability:**

- 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.

**Unit V: Control of body movement:**

- 1- An overview of motor control.
- 2- Local level of motor control.

**Unit VI: The endocrine system:**

- 1- An overview of the endocrine system.

**Course Contents**

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

### **Unit VII: The cardiovascular system:**

#### **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.

#### **The blood:**

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

### **Unit VIII: The immune system:**

- 1- Components of the immune system.

- 2- Innate immunity.
- 3- Adaptive immunity.

**Unit IX: The respiratory system:**

- 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 X: The urinary system:**

- 1- Overview of the kidney functions.
- 2- Overview of renal physiology.
- 3- Glomerular & tubular functions.
- 4- Production of dilute and concentrated urine.
- 5- Evaluation of kidney function.
- 6- Urine transport, storage, and elimination.

**Unit XI: Fluid, electrolyte, and acid-base homeostasis:**

- 1- Fluid compartment and fluid balance.
- 2- Electrolytes in body fluids.
- 3- Acid-Base balance.

**Unit XII: The digestive system:**

- 1- Overview of the digestive system.
- 4- Mouth.

<ul style="list-style-type: none"> <li>● Blended learning</li> <li>● Modified lectures</li> <li>● Online learning</li> </ul>	<p>5-أساليب التعليم والتعلم:</p> <p><b>Teaching and Learning Methods</b></p>
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<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <ul style="list-style-type: none"> <li>- Activate academic supervision to solve students' problem.</li> <li>- The teaching academic members support the weakened students through library hours.</li> <li>- Revision lectures and scientific lessons to all students especially weakened students.</li> </ul>	<p>6-أساليب التعليم والتعلم للطالب Teaching and Learning Methods of Disables</p>
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<p><b>Teaching and learning methods for excellent students:</b></p> <ul style="list-style-type: none"> <li>- Motivate the students to participate in available activities as sports, arts, cultures and science.</li> <li>- Motivate students to participate in activities directing to community services and environment development.</li> </ul>	
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<p><b>Students Assessment:</b></p>	<p>الطالب: 7- تقويم</p>
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<ul style="list-style-type: none"> <li>● Final written examination</li> <li>● Final oral examination.</li> </ul>	<p>أ- الأساليب المستخدمة <b>Used Methods</b></p>
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<ul style="list-style-type: none"> <li>Final written examination 1<sup>st</sup> week</li> <li>Final oral examination 1<sup>st</sup> week</li> </ul>	ب- التوقيت: time:
<ul style="list-style-type: none"> <li>Final oral examination (marks) = 20.</li> <li>Final-term examination (marks) = 80.</li> <li>Total (marks) = 100.</li> </ul>	ج- توزيع الدرجات: Marks distribution
List of references	
<i>Arafat W. (2011):</i> Handout for Physiology, 1 <sup>st</sup> year, Faculty of Medicine, Benha University.	8- الكتب الدراسية والمراجع قائمة أ- مذكرات Course note
<i>Reviews C. (2018):</i> Vander's Human Physiology, The Mechanisms of Body Function: Medicine, Human anatomy, 12 <sup>th</sup> ed, Textbook Reviews, United states of America.	ب- كتب ملزمة Required Books (Text Books)
<i>Strang K. Widmaier E. and Raff H., (2018):</i> Vander's Human Physiology, 14 <sup>th</sup> ed, McGraw-Hill Education, London.	ج- كتب مقترحة Recommended Books
<a href="http://www.med.sc.edu:/book/welcome.htm">http://www.med.sc.edu:/book/welcome.htm</a> <a href="http://www.emedicine.com">http://www.emedicine.com</a> <a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a>	د- الدوريات و المواقع الالكترونية Periodicals, web sites

رئيس القسم:

د. محمد الجبار  
٢٠١٧-٢٠١٧

منسق المقرر: د. فغان الجبدي

## نموذج

توصيف مقرر دراسي

بناء على المعايير الأكاديمية

المبنيّة على الكفايات ابريل

2017

جامعة : بنها  
كلية: التمريض

قسم: الكيمياء - كلية الطب- جامعة بنها

تاريخ اعتماد التوصيف : مجلس كلية جلسة ١٢٧ بتاريخ ٢٥/١٠/٢٠٢٠

١- بيانات المقرر:

الفرقة / المستوى : /First term First year	اسم المقرر : Biochemistry	الرمز الكودي : MED ١١١
<b>Theory</b> 2 hours x 15 weeks  <b>Practice:</b> 1 hour × 15 weeks	عدد الساعات التدريسية:	التخصص : Bachelor Degree in Nursing Science

### 2 - Aim of the course:

The course aims to equip undergraduate students with basic knowledge and skills related to basics of biochemistry of carbohydrates, fats, proteins and vitamins



**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
<b>Competence 1. 1</b> Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice	1.1.2 Apply ethical and professional nursing practice to conduct ethical decision making.	Urine	1.1.2.1 Apply patients' privacy during collection of urine specimen	-Interactive lectures -electronic learning - Demonstration in biochemistry lab	Power point presentation	Final practical exam
			1.1.2.2 Integrate communication skills with patients with a respect for different values, cultures during interpretation urine reports.	-electronic learning - Demonstration in biochemistry lab -Interactive learning	Smart media	Final practical exam
		Blood	1.1.2.3 Utilize ethical considerations during collection of blood samples	- Demonstration in biochemistry lab -Blended learning -electronic learning	videos	Final practical exam

			1.1.2.4 Integrate communication skills with patients with a respect for different values, cultures during interpretation blood reports.	-cooperative learning - Demonstration in biochemistry lab -electronic learning	videos	Final practical exam
	1.1.3 Implement policies and procedural guidelines in the field of nursing practice considering patients/clients rights.	Body fluids	1.1.3.1. Discuss the importance of correct identification, and any unique organisation or laboratory numbers	-Interactive lectures -electronic learning - Demonstration in biochemistry lab	Power point presentation	Final practical exam
1.1.3.2. Apply standard operating procedures while dealing with body fluids			-Interactive lectures -discussion Critical thinking	Smart media	Final practical exam	
1.1.3.3 Implement standardized protocols and guidelines during dealing with different body specimen			- Critical thinking -electronic learning -Interactive lectures	Power point presentation	Final practical exam	
1.1.3.4. Act within the scope and limits of their role as students			-Demonstration in biochemistry lab - Interactive learning - Critical thinking	videos	Final practical exam	
1.1.3.5. Confirm the individual's identity and amend any details on their records			-Interactive lecture s -cooperative learning - discussion	Power point presentation	Final practical exam	

			1.1.3.6 Participate effectively within a multidisciplinary team	-Interactive lectures -electronic learning - Demonstration in biochemistry lab	Power point presentation	Final practical exam
1.1.4 Conduct responsibility and accountability for care within the scope of professional and practical level of competence	(Body specimen)	1.1.4.1 Utilize appropriate personal protection equipment (PPE) when handling specimens	-Discussion - electronic learning - Demonstration in biochemistry lab	videos	Final written exam Final practical exam	
	Semen					
	Synovial fluids	1.1.4.2. Demonstrate the correct collection, labeling and storage of specimens.	- electronic learning - Demonstration in biochemistry lab -Discussion	Smart media	Final written exam Final practical exam	
	Sweat					
	Blood					
	Urine	1.1.4.3. Perform the standard techniques for storing biomedical specimens and samples	-cooperative learning - electronic learning - Demonstration in biochemistry lab	Power point presentation	Final written exam Final practical exam	
C.S.F						
	Amniotic fluids and tears	1.1.4.4. Apply chemical tests to detect abnormal constituents of the urine	-Discussion - electronic learning - Demonstration in biochemistry lab	videos	Final written exam Final practical exam	
		1.1.4.5. Utilize different new trends in biochemistry for providing evidence nursing care	-Demonstration in biochemistry lab -Discussion -critical thinking	Smart media	Final written exam Final practical exam	

			1.1.4.6. Use different methods of sterilization and disinfection	-Demonstration in biochemistry lab - Interactive learning - Critical thinking	videos	Final written exam Final practical exam
			1.1.4.7. Apply aseptic technique during collection of different specimen	-Interactive lectures -cooperative learning - discussion	Smart media	Final written exam Final practical exam
			1.1.4.8. Interpret test report outcomes	-Discussion - electronic learning - Demonstration in biochemistry lab	Power point presentation	Final written exam Final practical exam

## Domain No. 2 : Holistic patients/clients care

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods	
Competence 2.1 Provide holistic and evidence based nursing care in different practice settings	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	(Body specimen)	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	-Interactive lectures -electronic learning - Demonstration in biochemistry lab	Power point presentation	Final written exam Final oral exam Final practical exam	
		Semen Synovial fluids Sweat Blood Urine C.S.F Amniotic fluids		2.1.1.2. Assess the health and safety requirements of the area in which they are carrying out the laboratory activities	-discussion -electronic learning - Demonstration in biochemistry lab	videos	Final written exam Final oral exam Final practical exam
				2.1.1.3. Describe the risks and hazards associated with the preparation of specimens/ samples, and how these can be minimized	-Interactive lectures -electronic learning - Demonstration in biochemistry lab	Smart media	Final written exam Final oral exam Final practical exam

			2.1.1.4. Compare between components of different body fluids	<ul style="list-style-type: none"> <li>-critical thinking</li> <li>- electronic learning</li> <li>- Demonstration in biochemistry lab</li> </ul>	Power point presentation	<ul style="list-style-type: none"> <li>Final written exam</li> <li>Final oral exam</li> <li>Final practical exam</li> </ul>
		Metabolism of carbohydrates Metabolism of lipids	2.1.1.5. Categorize metabolic pathways of carbohydrates, lipids, proteins and the site of each one.	<ul style="list-style-type: none"> <li>-Blended learning</li> <li>-Interactive lectures</li> <li>-Discussion</li> </ul>	videos	<ul style="list-style-type: none"> <li>Final written exam</li> <li>Final oral exam</li> </ul>
		Metabolism of proteins	2.1.1.6. Enumerate the steps and regulatory mechanisms of biochemical nutritional substances	<ul style="list-style-type: none"> <li>-cooperative learning</li> <li>-Interactive lectures</li> <li>-Discussion</li> </ul>	Smart media	<ul style="list-style-type: none"> <li>Final written exam</li> <li>Final oral exam</li> </ul>
			2.1.1.7. Describe micro-nutrients, their biochemical, clinical, importance and deficiency manifestation of each one.	<ul style="list-style-type: none"> <li>-Interactive lectures</li> <li>-Discussion</li> <li>Blended learning</li> </ul>	Power point presentation	<ul style="list-style-type: none"> <li>Final written exam</li> <li>Final oral exam</li> </ul>

			2.1.1.8. Discuss symptoms, signs of metabolic abnormalities in carbohydrates, lipids and proteins	-Blended learning -Interactive lectures -Discussion	Power point presentation	Final written exam Final oral exam
	2.1.6 Apply evidence based nursing practice that assist in clinical nursing practice to improve nursing care of patient / clients , family and communities	-Metabolism of carbohydrates -Metabolism of lipids -Metabolism of proteins	2.1.6.1 Integrate updated and evidence based knowledge related to biochemistry principles / details into practice	-Interactive lectures -Demonstration in biochemistry lab - electronic learning	videos	Final practical exam
		-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.	- electronic learning -Demonstration in biochemistry lab -Discussion	Smart media	-Final practical exam

<p>Metabolism of carbohydrates</p> <p>Metabolism of lipids</p> <p>Metabolism of proteins</p> <p>Body fluids</p> <p>Semen</p> <p>Synovial fluids</p> <p>Sweat</p> <p>Blood</p> <p>Urine</p> <p>C.S.F</p> <p>Amniotic fluids and tears</p>	<p>٤- محتوى المقرر:</p> <p><b>Course Content</b></p>
<ul style="list-style-type: none"> <li>● Blended learning</li> <li>● Modified lectures</li> <li>● Online learning</li> <li>● Group discussions</li> <li>● Multi media</li> </ul>	<p>5- أساليب التعليم والتعلم:</p> <p><b>Teaching and Learning Methods</b></p>



<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <p>Activate academic supervision to solve students' problem.</p> <p>The teaching academic members support the defaulting students through library hours</p> <p>Revision lectures and scientific lessons to all students especially defaulting students</p>	<p>٦- أساليب التعليم والتعلم للطالب المحدودة القدرات ذوي</p> <p><b>Teaching and Learning Methods of Disables</b></p>
<p><b>Teaching and learning methods for excellent students.</b></p> <p>Motivate the students to participate in available activities as sports, arts, cultures and science.</p> <p>Motivate students to participate in activities directing to community services and environment development .</p> <p>Training students for effective evaluation to teaching learning process through questionnaire</p>	
<p><b>Students assessment:</b></p>	
<p>تقويم</p> <ul style="list-style-type: none"> <li>● Final written examination</li> <li>● Final oral examination.</li> <li>● Final practical evaluation</li> </ul>	<p>7- الطالب:</p> <p>أ- الأساليب المستخدمة</p> <p><b>Used methods</b></p>
<p>- Final practical examination      14<sup>th</sup> week</p> <p>- Final oral examination              16<sup>th</sup> week</p> <p>- Final written examination          16<sup>th</sup> week</p>	<p>ب- التوقيت : <b>Time</b></p>

<ul style="list-style-type: none"> <li>● Final practical examination ١٠</li> <li>● Final oral examination ١٠</li> <li>● Final written examination ٨٠</li> <li>● Total ١٠٠</li> </ul>	<p>ج- توزيع الدرجات :</p> <p><b>Marks distribution</b></p>
<p><b>List of References</b></p>	
<p>٨- الكتب الدراسية والمراجع قائمة أ- مذكرات</p> <p><i>Elabd, A. (٢٠٢١):</i> Handout of Biochemistry, Faculty of Medicine, Benha University.</p>	<p><b>Course note</b></p>
<p><i>Sandra, I, Marc, J. and Todd, A. (٢٠١٨):</i> Biochemistry, Molecular Biology and Genetic, (1<sup>st</sup> ed), Elsevier, Philadelphia.</p>	<p>ب- كتب ملزمة</p> <p><b>Required Books (Text Books)</b></p>
<p><i>Cox, M. and Nelson, D. (٢٠١٧):</i> Principles of Biochemistry. Worth pub., ٢<sup>nd</sup> ed, Nobel Sales Rank.</p>	<p>ج- كتب مقترحة</p> <p><b>Recommended Books</b></p>
<p><a href="http://www.med.sc.edu:٨٠/book/welcome.htm">http://www.med.sc.edu:٨٠/book/welcome.htm</a>  <a href="http://www.emedicine.com">http://www.emedicine.com</a>  <a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a>  <a href="http://www.elearning.com">http://www.elearning.com</a></p>	<p>د- الدوريات و المواقع الالكترونية</p> <p><b>Periodicals, web sites</b></p>

رئيس القسم: د. دينا كمال  
٢٠٢١/١٠/١٧

منسق المقرر: د. محمد عبدالمنصور

## نموذج

### توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

ابريل 2017

جامعة: بنها

كلية: التمريض

قسم: التمريض الباطني والجراحي

تاريخ اعتماد التوصيف مجلس الكلية جلسة (127) 2020/10/25

1- بيانات المقرر:

الفرقة / المستوى : Second term/ First year	اسم المقرر: Medical – Surgical Nursing ( I)	الرمز الكودي NUR 111:
Theory 15 weeks×4 hours Practice 15 weeks ×12 hours	عدد الساعات التدريسية	:Bachelor Degree in Nursing Science

### 2 - Aim of the course:

The course aims to equip undergraduate students with basic knowledge and skills which help in applying holistic nursing necessary for application of basic nursing skills in medical and surgical departments.

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
<b>Competence 1.1</b> Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	1.1.1.Demonstrate creative thinking of legislative framework and nursing responsibility for nursing care	Professional ethics in medical surgical nursing practice	1.1.1.1.Integrate the ethical and legal responsibilities of professional nurses role to meet and manage challenging situation in medical and surgical units	Interactive Lecture Blended learning Electronic learning	Power point presentation	Semester work Final term examination Final oral examination
			1.1.1.2.Practice standardized nursing care to maintain human dignity and rights within professional responsibility	Discussion Electronic learning Educational video	Power point presentation	Mid-term Final term examination Final oral examination
			1.1.1.3. Apply accountability and professional behavior in the classroom , Lab. and clinical care setting	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
			1.1.1.4. Build an ethical value system for informed nursing practices regardless patients' culture.	Interactive Lecture Electronic learning Educational video	Power point presentation	Final term examination Final oral examination
	1.1.2 Apply ethical and professional	-Health care delivery	1.1.2.1 Apply patients' privacy during providing health care	Case study Educational videos simulation	Power point presentation	Mid-term Semester work Final practical examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	nursing practice to conduct ethical decision making.	Professional ethics in medical surgical nursing practice	1.1.2.2 Explain the implications of common ethical issues associated with nursing care practices	Interactive Lecture Discussion Electronic learning	Power point presentation	Mid-term Semester work Final term examination Final oral examination
			1.1.2.3 Apply professional responsibility and respect the compliance to work through systems.	Educational videos Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
	1.1.3 Implement policies and procedural guidelines in the field of nursing practice considering patients/clients rights.	-IV puncture	1.1.3.1.Performing IV puncture techniques in accordance with standard operating procedures	Case study Role play Educational videos	Power point presentation	Mid-term Final practical examination
			1.1.3.2.Apply principles of drugs administrations (IV) according to 12 rights.	Case study Educational videos simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Blood transfusion	1.1.3.3.Use principles of aseptic technique during nursing practice for blood transfusion	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		- Nursing management of adult patient with digestive disorders	1.1.3.4.Utilize all appropriate methods to maintain normal bowel elimination patterns in	Interactive Lecture Cooperative learning Blended learning	Power point presentation	Mid-term Semester work Final term examination Final oral examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
			patient with digestive disorders			
		-GIT diagnostic studies	1.1.3.5. Utilize nursing guidelines before, during and after diagnostic testing for upper & lower GIT system.	Interactive Lecture Discussion Educational video	Power point presentation	Mid-term Final term examination Final oral examination
		-Health care delivery.	1.1.3.6. Explore the barriers to effective health care delivery.	Blended learning Electronic learning Educational video	Power point presentation	Final term examination Final oral examination
		-Blood glucose monitoring	1.1.3.7. Comply with standard Operating Procedure, including calibration and infection control during blood glucose monitoring	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
	1.1.4 Conduct responsibility and accountability for care within the scope of	-Upper and lower respiratory disorders	1.1.4.1.Utilize the different therapeutic positions for patient with upper and lower respiratory disorders	Discussion Blended learning Electronic learning	Power point presentation	Mid-term Semester work Final term examination Final oral examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
	professional and practical level of competence	-Nursing management for adult with digestive disorders	1.1.4.2. Identify physiological factors that affect urinary and bowel elimination of the adult patients.	Interactive Lecture Discussion Blended learning	Power point presentation	Mid-term Semester work Final term examination Final oral examination
		- Nursing process	1.1.4.3. State components of nursing process	Blended learning Electronic learning Educational video	Power point presentation	Mid-term Semester work Final term examination Final oral examination
		-Nursing management of adult patients with endocrinal disorders	1.1.4.4. Apply professional responsibility and competence during nursing assessment for patients with different endocrine disorders	Case study Role play Educational videos	Power point presentation	Semester work Final term examination Final oral examination
			1.1.4.5. Utilize nursing process while caring for patients with endocrine disorders	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Upper and lower respiratory disorders	1.1.4.6. Describe different types of respiration.	Cooperative learning Discussion Blended learning	Power point presentation	Mid-term Semester work Final term examination Final oral examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		- Oncology nursing management	1.1.4.7. Formulate nursing management strategies for oncology patient	Interactive Lecture Discussion Blended learning	Power point presentation	Mid-term Final term examination Final oral examination
		-Professional ethics	1.1.4.8. Provide holistic patient centered care utilizing ethical principles.	Discussion Blended learning Educational video	Power point presentation	Semester work Final term examination Final oral examination
		-Respiratory care methods	1.1.4.9. Perform breathing, coughing, percussion, vibration and posture drainage technique accurately according to patients' conditions	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-O2 therapy and nebulizer	1.1.4.10 Identify indications and precautions for providing O2 therapy and nebulizer	Interactive Lecture Electronic learning Educational video	Power point presentation	Mid-term Semester work Final term examination Final oral examination
		- Collecting sputum	1.1.4.11. Use proper techniques for collecting sputum specimen	Case study Educational videos simulation	Power point presentation	Mid-term Semester work Final practical examination



Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-Enema	1.1.4.12.Demonstrate enema procedure for patients with bowel elimination problems with safety and privacy measures.	Educational videos Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Stool analysis	1.1.4.13 Apply correct methods for transporting specimen for stool	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Wound care and dressing	1.1.1.14.Apply principles of aseptic techniques during wound dressing.	Case study Role play Educational videos	Power point presentation	Mid-term Final practical examination
		-Feeding and nutritional devices	1.1.1.15.Use of different feeding and nutritional devices for patient with GIT disorders	Educational videos Role play simulation	Power point presentation	Semester work Final practical examination
		-Upper and lower GIT diagnostic procedure	1.1.1.16.Apply relevant preparations for patients undergoing upper and lower GIT diagnostic procedure	Case study Role play simulation	Power point presentation	Semester work Final practical examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-Fluid and electrolytes imbalance	1.1.1.17.Design nursing care plan for patients with fluid and electrolyte imbalances.	Case study Educational videos simulation	Power point presentation	Semester work Final practical examination
		-Operating room	1.1.1.18..Demonstrate scrubbing, gowning, and gloving according to principles of aseptic surgical technique.	Educational videos Role play simulation	Power point presentation	Semester work Final practical examination
		-Evidence based nursing	1.1.1.19.use researches that support and help in maintaining safe nursing practices for adult patients.	Interactive Lecture Discussion Blended learning	Power point presentation	Mid-term Final term examination Final oral examination
		-Perioperative nursing management	1.1.1.20.Implement appropriate nursing activities skillfully and in accordance with best evidence-based practices throughout perioperative period	Educational videos Role play simulation	Power point presentation	Semester work Final practical examination

## Domain No.2: Holistic patients/clients care

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> Provide holistic and evidence-based nursing care in different practice settings.	2.1.1. Provide holistic patients/clients care focused on bio-psychosocial and environmental assessment of health and illness in different setting.	-ECG	2.1.1.1. Explain the terms arrhythmia, tachycardia, bradycardia	Interactive Lecture Discussion Blended learning	Power point presentation	Mid-term Final term examination Final oral examination
			2.1.1.2. Describe the ECG changes associated with life-threatening arrhythmias	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Nursing management for adult with endocrinal disorders	2.1.1.3. Identify common diseases and symptoms affecting the endocrine system	Interactive Lecture Discussion Educational video	Power point presentation	- Mid-term Final term examination Final oral examination
		- Evidence- based nursing practices	2.1.1.4. Build up the competencies of nursing activities with best evidence- based practices to improve health care.	Electronic learning Educational video Discussion	Power point presentation	Mid-term Final term examination Final oral examination

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
		Nursing care delivery	2.1.1.5 Demonstrate holistic nursing care through selection of appropriate methods of nursing care delivery system for meeting patient needs.	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		Evidence- based practices	2.1.1.6 Employ evidence-based practices in health patient care to improve patients' health outcome.	Blended learning Electronic learning Educational video	Power point presentation	Mid-term Semester work Final practical examination
		Nursing management for adult with cardiovascular disorders	2.1.1.7 Distinguish between normal and abnormal assessment findings in cardiac patients.	Case study Role play Educational videos	Power point presentation	Semester work Final practical examination
			2.1.1.8.Practice appropriate parameters for assessment of peripheral circulation	Educational videos Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
			2.1.1.9.Identify physiological factors that affect peripheral blood flow and tissue oxygenation	Interactive Lecture Discussion Blended learning	Power point presentation	Mid-term Final term examination Final oral examination

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
		-Nursing management for adult with gastrointestinal disorders	2.1.1.10. Discuss nursing intervention for patients with different types of peptic ulcer	Interactive Lecture Blended learning Electronic learning	Power point presentation	Final written examination Final oral examination
		-Nursing management for oncology patients	2.1.1.11. Implement nursing process as a framework of care for patients with cancer.	Case study Role play simulation	Power point presentation	Semester work Final practical examination
		-Nursing management for adult with cardiac Disorders	2.1.1.12. Analyze health needs for patients with cardiovascular disorders.	Discussion Blended learning Educational video	Power point presentation	Mid-term Final term examination Final oral examination
			2.1.1.13. Perform nursing intervention for cardiac problems.	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Nursing management for adult with respiratory disorders	2.1.1.14. Implement nursing process as a framework of care for patients with respiratory disorders	Interactive Lecture Discussion Blended learning	Power point presentation	Mid-term Final term examination Final oral examination
	2.1.6 Apply evidence based nursing practice that assist in clinical	-Evidence nursing care.	2.1.6.1 Integrate updated and evidence based Knowledge related to nursing practice	Interactive Lecture Discussion Educational video	Power point presentation	Mid-term Final term examination Final oral examination

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
	nursing practice to improve nursing care of patient / clients , family and communities	- Critical thinking	2.1.6.2 utilize an investigatory and analytic thinking approaches to common clinical situations	Interactive Lecture Discussion Blended learning	Power presentation	Mid-term Final term examination Final oral examination
	2.2.1. Assess health related learning needs patients/clients within context of cultures, values and norms.	-Disabilities.	2.2.1.1 Assess needs of patients with disabilities prior to providing nursing care within the context of culture and values.	Interactive Lecture Electronic learning Educational video	Power presentation	Mid-term Final term examination Final oral examination
		-Chronic illness	2.2.1.2.Integrate patient education into nursing intervention for patient with chronic illness	Blended learning Electronic learning Educational video	Power presentation	Mid-term Final term examination Final oral examination
		-Health education	2.2.1.3 use appropriate teaching methods for patients according to levels of health literacy.	Cooperative learning Electronic learning Educational video	Power presentation	Mid-term Final term examination Final oral examination
	2.2.5. Communicate health information and coordinate health education/promotion activities effectively	-Health promotion	2.2.5.1.Summarize health information and coordinate health promotion activities by using effective nursing information system.	Interactive Lecture Discussion Cooperative learning	Power presentation	Mid-term Final term examination Final oral examination

Competency	Key elements	Course Subjects	Course objectives	Teaching Methods	Media used	Assessment Methods
	according to patients/clients needs.		2.2.5.2.use communication skills in inter-professional, social and therapeutic context.	Interactive Lecture Cooperative learning Educational video	Power point presentation	Mid-term Final term examination Final oral examination

**DOMAIN NO.4: Informatics and technology**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.	-Health care delivery	4.1.2.1 Use computer effectively to retrieve data about in reaching biomedical information to remain current with advances in knowledge and practice.	Case study Role play simulation	Power point presentation	Mid-term Semester work Final practical examination
		-Nursing process	4.1.2.2 Evaluate the benefits of computerized information management to overcome documentation obstacles.	Interactive Lecture Electronic learning Educational video	Power point presentation	Mid-term Final term examination Final oral examination
		- Nursing process	4.1.2.3 summarize principles of comprehensive assessment of physiological health status	Interactive Lecture Discussion Educational video	Power point presentation	Mid-term Final term examination Final oral examination



**DOMAIN NO.5: Inter-professional communication**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
5.1 Competence Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals , families and communities	5.1.3. Apply standardized communication approach to facilitate experience transition across different health care settings	-Health care delivery	5.1.3.1 Integrate communication skills inter professional context during health care delivery.	Cooperative learning Electronic learning Educational video	Power point presentation	Mid-term Final term examination Final oral examination
		-Disability	5.1.3.2.Explain how to adapt communication styles in ways which are appropriate to different patients with disability	Electronic learning Educational videos Cooperative learning	Power point presentation	Mid-term Final term examination Final oral examination

## **Theoretical Part:**

### **Unit I: Basic concepts in medical surgical nursing:**

- 1- Professional ethics in medical surgical nursing practice.
- 2- Critical thinking ,ethical decision making and nursing process.
- 3- Health care delivery and evidence based nursing practice.
- 4- adult health education and promotion.

### **Unit II: Concepts and challenges in adult patients**

- 1- Chronic illness and disabilities.
- 2- Fluid and electrolytes imbalance.
- 3- Oncology nursing management.

### **Unit III: Perioperative concepts and nursing management**

- 1- Pre operative nursing management
- 2- Intra operative nursing management
- 3- Post operative nursing management

### **Unit IV: nursing management of adult patient with systematic medical surgical disorders**

- Nursing management of adult patients with upper and lower respiratory disorders.
- Nursing management of adult patients with cardiovascular disorders.
- Nursing management of adult patients with digestive disorders.
- Nursing management of adult patients with endocrinal disorders.

## **Practical Part:**

### **1- IV puncture**

- Blood sample
- IV cannulation
- Intravenous therapy

4- محتوى المقرر:

**Course Content**

<p><b>2- Blood Transfusion</b></p> <p><b>3-Operating Room(scrubbing, gowning ,gloving)</b></p> <p><b>4- Respiratory Care Methods</b></p> <ul style="list-style-type: none"> <li>▪ Chest physiotherapy (coughing &amp;breathing exercise)</li> <li>▪ Postural drainage Spirometry</li> </ul> <p><b>5- Collecting sputum</b></p> <p><b>6- Oxygen therapy &amp; Nebulizer</b></p> <p><b>7- Blood glucose monitoring</b></p> <p><b>8- ECG</b></p> <p><b>9- Feeding and Nutritional Devices</b></p> <ul style="list-style-type: none"> <li>▪ NGT Insertion</li> <li>▪ NGT Feeding</li> <li>▪ NGT Care</li> <li>▪ Enteral nutrition</li> </ul> <p><b>10- Enema</b></p> <p><b>11- Upper and Lower GIT Diagnostic Procedures</b></p> <ul style="list-style-type: none"> <li>▪ Barium Meal</li> <li>▪ Barium Enema</li> </ul> <p><b>12- Stool analysis</b></p> <p><b>13- Wound care &amp;dressing</b></p>	
<p>Interactive Lecture</p> <p>Discussion</p> <p>Blended learning</p> <p>Electronic learning</p> <p>Educational video</p> <p>Case study</p>	<p><b>5-أساليب التعليم والتعلم:</b></p> <p><b>Teaching and Learning Methods</b></p>

Role play Simulation Cooperative learning	
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<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <p>Activate academic supervision to solve students' problem.</p> <p>The teaching academic members support the defaulting students through library hours</p> <p>Revision lectures and scientific lessons to all students especially defaulting students</p>	<p>6-أساليب التعليم والتعلم للطالب ذوي القدرات المحدودة</p> <p><b>Teaching and Learning Methods of Disables</b></p>
<p><b>Teaching and learning methods for excellent students.</b></p> <p>Motivate the students to participate in available activities as sports, arts, cultures and science.</p> <p>Motivate students to participate in activities directing to community services and environment development .</p> <p>Training students for effective evaluation to teaching learning process through questionnaire</p>	
<p><b>Students Assessment: 7-تقويم الطالب</b></p>	
<ul style="list-style-type: none"> <li>• Semester Work.</li> <li>• Students Assignment.</li> <li>• Clinical Lab. Evaluation (Observational Checklist).</li> <li>• Final practical examination (Observational Checklist).</li> <li>• Final Written Examination + Electronic Exam.</li> </ul>	<p>أ-الأساليب المستخدمة</p> <p><b>Used Methods</b></p>
<p>Mid-term 7<sup>th</sup> week</p> <p>Assignment &amp; Participation through Semester  </p> <p>Final practical examination 14<sup>th</sup> week</p> <p>Final term examination 16<sup>th</sup> week</p> <p>Final oral examination 16<sup>th</sup> week</p>	<p>ب-التوقيت :time</p>

<ul style="list-style-type: none"> <li>• Semester work 60</li> <li>• Final practical examination 10</li> <li>• Final oral examination 10</li> <li>• Final written examination 120</li> <li>• <b>Total 200</b></li> </ul>	<p>ج- توزيع الدرجات :</p> <p><b>Marks distribution</b></p>
<p>8- قائمة الكتب الدراسية والمراجع <b>List of References</b></p>	
<p><i>Gaber, H., Mohamed, S., Sheta, H., Mosaad, M. and Abo Elfadl, N. (2019):</i> Hand out for Medical Surgical Nursing, Faculty of Nursing , Benha University.</p>	<p>أ- مذكرات</p> <p><b>Course note</b></p>
<p><i>Allen, K. D., Ballard, S. E., Cooper, K., Croke, E. (2018):</i>Disease. Lippincott Williams and Wilkins. Com. London</p> <p><i>Moyet, L. C. (2017):</i> Nursing diagnosis. 11<sup>th</sup> ed. Lippincott Williams and Wilkins. Com.</p>	<p>ب- كتب ملزمة</p> <p><b>Required Books (Text Books)</b></p>
<p><i>Hardin, S. R. &amp; Kaplow, R. (2017):</i> Critical care nursing. Jones and Bartlett publishers, Inc. London</p> <p><i>Yarbro, C. H., Frogge, M. H. &amp; Goodman, M. (2017):</i> Cancer nursing. 6<sup>th</sup> ed. Jones and Bartlett publishers, Inc. London.</p>	<p>ج- كتب مقترحة</p> <p><b>Recommended Books</b></p>
<p><a href="http://www.RN.com">http:// www.RN.com</a></p> <p><a href="http://www.enursing.com">http:// www.enursing.com</a></p> <p><a href="http://www.elearning.com">http:// www.elearning.com</a></p> <p><a href="http://www.cdc.gov/">http://www.cdc.gov/</a></p> <p><a href="http://Cms.nelc.edu.eg">http://Cms.nelc.edu.eg</a></p>	<p>د- الدوريات و المواقع الالكترونية</p> <p><b>Periodicals, web sites</b></p>

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منسق المقرر  
صالح



## نموذج

### توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: اللغة الإنجليزية - كلية الآداب - بنها

تاريخ اعتماد التوصيف مجلس الكلية جلسة (127) 2020/10/25

1- بيانات المقرر:

الفرقة / المستوى :	اسم المقرر (1) English:	الرمز الكودي SUP111:
First year/ first semester	عدد الساعات التدريسية Theory (1) hour ×15 weeks  Practice -----	التخصص : Bachelor Degree in Nursing Science

### 2 - Aim of the course:

This course aims to equip undergraduate students with the basics of the English language to facilitate students' study



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
<b>Competence 1. 1</b> Demonstrate knowledge Understanding , responsibility and accountability of the legal obligations for ethical nursing practice	1.1.4 Conduct 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	Interactive Lecture Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
			1.1.4.2 Use reading skills in different context	Interactive lecture Discussion Educational videos	Power point presentation	Final oral examination Final written examination
			1.1.4.3 Read international references related to common health situations	Cooperative learning Blended learning Educational videos	Power point presentation	Final oral examination Final written examination
		Dialogue practice	1.1.4.4 Design different dialogue related to responsibility and accountability of the role of nurse.	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		The past simple tense.	1.1.4.5 Synthesize phrases using the past simple tense while writing patients reports about past history.	Discussion Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
		The present simple tense	1.1.4.6 Create phrases using the present simple tense while writing patients reports about current history.	Cooperative learning Blended learning Educational videos	Power point presentation	Final oral examination Final written examination
		The present continuous tense.	1.1.4.7 Describe phrases using the present continuous tense	Discussion Self-learning Interactive lecture	Power point presentation	Final oral examination Final written examination
		Demonstrative pronouns Relative pronouns Reflexive pronouns	1.1.4.8 Formulate phrases by using "pronoun".	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination

## Domain no.4: Informatics and technology

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 4.1</b> Utilize information and technology to underpin health care delivery , communicate , manage knowledge and support decision making for patient care	4.1.2Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes	Reading comprehension sentences	4.1.2.1Discuss information technology that supports nursing practice to provide safe care and evaluate their impact on patient outcomes.	Interactive lecture Electronic learning Educational videos	Power point presentation	Final oral examination Final written examination
			4.1.2.2. Use computer effectively as an access for current advances, in international knowledge and practice	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination
			4.1.3. Evaluate the impact of computerized information management system on nurses' role while providing holistic patient-centered care.	Reading comprehension sentences	4.1.3.1. Assess the benefits of computerized information management to overcome documentation obstacles.	Self-learning Discussion Educational videos
			4.1.3.2. Use information technology to access on-line medical information, and support their education	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination

**Domain no.5 Inter-professional communication**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 5.1</b> Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.	5.1.3 Apply standardized communication approach to facilitate experience transition across different health care settings	Dialogue practice	5.1.3.1 Utilize communication skills in inter professional social and therapeutic context.	Blended learning Electronic learning Educational videos	Power point presentation	Final oral examination Final written examination
			5.1.3.2 Integrate effective communication skills in a classroom that follow respect for others concerning race, religion, and nationality	Interactive lecture Discussion Educational videos	Power point presentation	Final oral examination Final written examination

<p>Reading comprehension sentences</p> <p>Dialogue practice</p> <p>The past simple tense.</p> <p>The present simple tense</p> <p>The present continuous tense.</p> <p>Demonstrative pronouns</p> <p>Relative pronouns</p> <p>Reflexive pronouns</p>	<p><b>4- محتوى المقرر:</b></p> <p><b>Course Content</b></p>
<p>Discussion</p> <p>Electronic learning</p> <p>Interactive learning</p> <p>Blended learning</p> <p>Interactive Lecture</p> <p>Educational videos</p> <p>Self-learning</p> <p>Cooperative learning</p>	<p><b>5- أساليب التعليم والتعلم:</b></p> <p><b>Teaching and Learning Methods</b></p>

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

Final oral examination	10	ج-توزيع الدرجات :  <b>Marks distribution</b>
Final written examination	40	
<b>Total</b>	<b>50</b>	
<b>List of References</b>		8- قائمة الكتب الدراسية والمراجع
<i>Basant, M.(2020):</i> Handout for English for nurses, Faculty of Arts ,Benha University.		أ- مذكرات  <b>Course note</b>
<i>Martin, H.(2017):</i> Advanced Grammar in Use ,2 <sup>nd</sup> ed, Williams& Wilkins co,NewYork.		ب-كتب ملزمة  <b>Required Books</b>  ( Text Books )

<i>McCarthy, M.&amp; O'Dell, F.(2018):</i> English Idioms in Use,3 <sup>rd</sup> ed, McGraw-Hill Companies, New York.		ج-كتب مقترحة  <b>Recommended Books</b>
<a href="http://www.e-grammar.org/past-simple-continuous/">http://www.e-grammar.org/past-simple-continuous/</a> <a href="http://www.ego4u.com/en/cram-">http://www.ego4u.com/en/cram-</a> <a href="http://www.elearning.edu.eg.com">http:// www.e learning.edu.eg.com</a>		<b>Websites/ periodic</b>







## نموذج

### توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: اللغة الإنجليزية - كلية الآداب - بنها

تاريخ اعتماد التوصيف مجلس الكلية جلسة (127) 2020/10/25

1- بيانات المقرر:

الرمز الكودي SUP122:	اسم المقرر (2) English:	الفرقة / المستوى:
		First year/ Second semester
التخصص: Bachelor Degree in Nursing Science	عدد الساعات التدريسية	<b>Theory</b> (1) hour × 15 weeks  <b>Practice</b> -----

### 2 - Aim of the course:

This course aims to equip undergraduate students with English language skills effectively for promoting students' communication by using conversation and writing skills.

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
<b>Competence 1.1</b> Demonstrate knowledge, understanding, and accountability of the legal obligation for ethical nursing practice	1.1.4 Conduct 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	Interactive Lecture Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
			1.1.4.2 Use reading skills in different context	Interactive lecture Discussion Educational videos	Power point presentation	Final oral examination Final written examination
			1.1.4.3 Select different types of texts to obtain and utilise relevant information for common health situations	Cooperative learning Blended learning Educational videos	Power point presentation	Final oral examination Final written examination
			1.1.4.4 Summarise succinctly, information/ideas from different sources	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		Dialogue practice	1.1.4.5 Design different dialogue related to responsibility and accountability of the role of nurse.	Discussion Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
		The past simple tense.	1.1.4.6 Synthesize phrases using the past simple tense while writing patients reports about past history.	Cooperative learning Blended learning Educational videos	Power point presentation	Final oral examination Final written examination
		The present simple tense	1.1.4.7 Create phrases using the present simple tense while writing patients reports about current history.	Discussion Self-learning Interactive lecture	Power point presentation	Final oral examination Final written examination
		The present continuous tense.	1.1.4.8 Identify phrases using the past and present continuous tense	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination
		Relative pronouns Reflexive pronouns	1.1.4.9 Formulate phrases by using "pronoun".	Interactive Lecture Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
		phonology	1.1.4.10. Construct phrases using appropriate phonology	Interactive lecture Discussion Educational videos	Power point presentation	Final oral examination Final written examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		passive voice	1.1.4.11.describe phrases using passive voice	Interactive Lecture Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
			1.1.4.12 Identify implicit and inferred meaning in texts	Interactive lecture Discussion Educational videos	Power point presentation	Final oral examination Final written examination

**Domain no.4: Informatics and technology**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence4.1</b> Utilize information and technology to underpin health care delivery , communicate , manage knowledge and support decision making for patient care	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes.	Reading comprehension sentences	4.1.2.1 summarize information technology that supports nursing practice to provide safe care and evaluate their impact on patient outcomes.	Interactive Lecture Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
			4.1.2.2. comply computer effectively as an access for current advances, in international knowledge and practice	Interactive lecture Discussion Educational videos	Power point presentation	Final oral examination Final written examination
	4.1.3. Evaluate the impact of computerized information management system on nurses' role while	Reading comprehension sentences	4.1.3.1.Evaluate the benefits of computerized information management to overcome documentation obstacles.	Cooperative learning Self-learning Educational videos	Power point presentation	Final oral examination Final written examination

	providing holistic patient-centered care		4.1.3.2.comply information technology to access on-line medical information, and support their education	Blended learning Electronic learning Interactive lecture	Power point presentation	Final oral examination Final written examination
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**Domain no.5**Inter-professional communication

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
Competence 5.1  Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities	5.1.3 Apply standardized communication approach to facilitate experience transition across different health care settings	Dialogue practice	5.1.3.1 Identifying different points of view through following an argument and distinguishing fact from opinion	Interactive Lecture Electronic learning Self-learning	Power point presentation	Final oral examination Final written examination
		Phonology	5.1.3.2 Use a range of sentence structures, including complex sentences, and paragraphs to organize oral and written communication effectively	Interactive lecture Discussion Self-learning	Power point presentation	Final oral examination Final written examination
		Passive voice	5.1.3.3. utilize active and passive voice competently for effective communication in a classroom	Cooperative learning Blended learning Educational videos	Power point presentation	Final oral examination Final written examination



<p>Reading comprehension sentences</p> <p>Dialogue practice</p> <p>The past simple tense.</p> <p>The present simple tense</p> <p>The present continuous tense.</p> <p>The past continuous tense</p> <p>Relative pronouns</p> <p>Reflexive pronouns</p> <p>Phonology</p> <p>Passive voice</p>	<p><b>4- محتوى المقرر:</b></p> <p><b>Course Content</b></p>
<p>Discussion</p> <p>Electronic learning</p> <p>Interactive learning</p> <p>Blended learning</p> <p>Interactive Lecture</p> <p>Educational videos</p> <p>Self-learning</p> <p>Cooperative learning</p>	<p><b>5- أساليب التعليم والتعلم:</b></p> <p><b>Teaching and Learning Methods</b></p>

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



Final oral examination	10	ج-توزيع الدرجات :
Final written examination	40	Marks distribution
<b>Total</b>	<b>50</b>	
<b>8- قائمة الكتب الدراسية والمراجع List of References</b>		
<i>Basant, M.(2020):</i> Handout for English for nurses, Faculty of Arts,Benha University.		أ- مذكرات Course note
<i>Martin, H.(2017):</i> Advanced Grammar in Use ,2 <sup>nd</sup> ed, Williams& Wilkins CO,NewYork.		ب-كتب ملزمة Required Books ( Text Books )
<i>McCarthy, M.&amp; O'Dell, F.(2018):</i> English Idioms in Use,3 <sup>rd</sup> ed, McGraw-Hill Companies,New York.		ج-كتب مقترحة Recommended Books
<a href="http://www.e-grammar.org/past-simple-continuous/">http://www.e-grammar.org/past-simple-continuous/</a> <a href="http://www.ego4u.com/en/cram-">http://www.ego4u.com/en/cram-</a> <a href="http://www.elearning.edu.eg.com">http:// www.e learning.edu.eg.com.</a>		Websites/ Periodic

رئيس القسم

عبدالمجيد

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منسق المقرر

سند كبر







## نموذج

### توصيف مقرر دراسي

بناءً على المعايير الأكاديمية المبنية على الكفايات

أبريل 2017

جامعة: بنها

كلية: التمريض

قسم: أساسيات علم الاجتماع-كلية الآداب- بنها

تاريخ اعتماد التوصيف مجلس الكلية جلسة (127) 2020/10/25

1- بيانات المقرر:

الفرقة / المستوى :	اسم المقرر Principles of Sociology:	الرمز الكودي SUP121:
First year/ first semester	عدد الساعات التدريسية theory (1) hour ×15 weeks practice -----	التخصص : Bachelor Degree in Nursing Science

### 2 - Aim of the course:

This course aims to provide undergraduate students with information on contemporary social dynamics, structures and theories, as well as studying the best major social systems and their role in contemporary society and the most important contemporary issues



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
Competence 1. 1 Demonstrate understanding, and accountability obligations for ethical nursing practice	1.1.4 Conduct responsibility and accountability for care within the scope of professional and practical level of competence	-Treatment of mental patients	1.1.4.1 Utilize ethical framework that respects the rights and privacy of mentally ill patients.	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
		-The social perspective of the occurrence of the disease	1.1.4.2 Identify social perspectives of the occurrence of disease	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		-Social analysis of disease trends	1.1.4.3 Explain the social analysis of disease trends	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
		-The progress of society and its reflection on the change in disease	1.1.4.4. Analyze the relationship and mutual influence between humans and the environment	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-Environmental and social causes of mental and psychological disorders	1.1.4.5 Explain the relationship between the social and environmental causes of mental disorders	Interactive learning Discussion Cooperative learning	Power point presentation	Final written examination
		-Environmental and social causes of mental and psychological disorders	1.1.4.6 Differentiate the relationship between social and economic conditions and the state of the body	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		-The prevalence of mental and psychological disorders	1.1.4.7 Evaluates the relationship between creativity and mental and psychological disorders	Interactive learning Discussion Cooperative learning	Power point presentation	Final written examination

### **Domain 2: Holistic patients/clients care**

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 2.1</b> Provide holistic and evidence-based nursing care in different practice settings.	2.1.2 Conduct holistic nursing care that addresses patients/clients, families and communities needs and problems across life span.	• Health and illness	2.1.2.1 Identify social illness	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		• Chronic diseases as a social problem	2.1.2.2 Lists chronic social diseases	Interactive learning Discussion Cooperative learning	Power point presentation	Final written examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-The family's behavior towards illness as a cause of the disease	2.1.2.3 Explain the behavior patterns associated with health and diseases	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		-Theoretical Framework for Health, Disease and Mortality	2.1.2.4 Describe the causal relationships and factors affecting the emergence of diseases	Interactive learning Discussion Cooperative learning	Power point presentation	Final written examination
		-Social class and disease	2.1.2.5. Compare aspects related to the spread of diseases among different groups, societies, and cultural environments	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		-The progress of society and its reflection on the change in disease patterns	2.1.2.6Describes the variables of sociology in relation to disease phenomena and treatment	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
		-Historical materialistic interpretations of health, disease and mortality	2.1.2.7Mention the historical material explanations for health, disease and mortality	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination

Competency	Key elements	Course Subjects	Subjects Objectives	Teaching Methods	Media used	Assessment Methods
		-Global trends in the study of child health	2.1.2.8Describes global trends in child health studies.	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
		-The social functions of the family	2.1.2.9. Lists the social functions of the family	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		-The prevalence of mental disorders	2.1.2.10Discuss the prevalence of mental disorders	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
		-The health status of children in the world	2.1.2.11.Discuss the health status of children in the world	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		-The social perspective of the occurrence of the disease	2.1.2.12.Explain the social perspective on the occurrence of the disease.	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination

**Domain no.4: Informatics and technology**

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence</b> <b>4.1</b> Utilize information and technology to underpin health care delivery , communicate , manage knowledge and support decision making for patient care	4.1.2. Employ technology and information management tools to support safe care and evaluate their impact on patient outcomes	• The health status of children in the world	4.1.1.1 Discuss information technology that supports safe care and evaluate their impact on patient outcomes.	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		• Global trends in the study of child health	4.1.1.2. Use computer effectively as an access for current advances, in international knowledge and practice	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
	4.1.3. Evaluate the impact of computerized information management system on nurses' role while providing holistic patient-centered	Applied models of some offfield research	4.1.3.1. Assess the benefits of computerized information management to overcome documentation obstacles.	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
	care.	-Local trends to study medical sociology	4.1.3.2. Use information technology to access on-line medical information, and support their education regarding local trends to study medical sociology	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination

**Domain no.5**Inter-professional communication

Competency	Key elements	Course Subjects	Subjects objectives	Teaching Methods	Media used	Assessment Methods
<b>Competence 5.1</b> Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.	5.1.3 Apply standardized communication approach to facilitate experience transition across different health care settings	<ul style="list-style-type: none"> <li>The family’s behavior towards illness as a cause of the disease</li> </ul>	5.1.3.1 utilize standardized communication approaches to facilitate experience transfer across different health care setting	Blended learning Electronic learning Critical thinking	Power point presentation	Final written examination
		<ul style="list-style-type: none"> <li>The social functions of the family</li> </ul>	5.1.3.2 Communicate in a positive way with others	Interactive Lecture Discussion Cooperative learning	Power point presentation	Final written examination
			5.1.3.3. Acquire social intelligence in dealing with different problems	Blended learning Electronic learning Critical thinking		

<p><b>Chapter 1: Health, Illness, and Social Class</b></p> <ul style="list-style-type: none"> <li>• brief history</li> <li>• Chronic diseases as a social problem</li> <li>• The progress of society and its reflection on the change in disease patterns Definition of disease</li> <li>• The social perspective of the occurrence of the disease</li> <li>• Social class and disease</li> <li>• Social analysis of disease trends</li> </ul> <p><b>Chapter 2: Theoretical Framework for Health, Disease and Mortality</b></p> <p>Historical materialistic interpretations of health, disease and mortality</p> <p>Functional structural explanations for health, disease, and death</p> <p><b>Chapter Three: Social Environment and Health</b></p> <ul style="list-style-type: none"> <li>• The health status of children in the world</li> <li>• Global trends in the study of child health</li> </ul> <p><b>Chapter Four: Applied Models of Some Field Research</b></p> <ul style="list-style-type: none"> <li>• Local trends to study medical sociology</li> </ul> <p><b>Chapter Five: The family and its relationship to health and disease</b></p> <ul style="list-style-type: none"> <li>• the social functions of the family</li> <li>• The family's behavior towards illness as a cause of the disease</li> </ul> <p><b>Chapter Six: The Sociology of Mental Illness</b></p> <ul style="list-style-type: none"> <li>• Historical overview of mental and psychological disorders</li> <li>• Treatment of mental and psychological patients</li> <li>• The prevalence of mental and psychological disorders</li> <li>• Environmental and social causes of mental and psychological disorders</li> </ul>	<p><b>4- محتوى المقرر:</b></p> <p><b>Course Content</b></p>
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Blended learning Electronic learning Interactive Lecture Discussion Cooperative learning Critical thinking	<b>5-أساليب التعليم والتعلم:</b>  <b>Teaching and Learning Methods</b>
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<p><b>We do not have students with limited abilities, but there are methods of teaching and learning for defaulting students:</b></p> <p>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</p>	<b>6-أساليب التعليم والتعلم للطالب ذوي القدرات المحدودة Teaching and Learning Methods of Disables</b>
<p><b>Teaching and learning methods for excellent students.</b></p> <p>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</p>	
<b>Students Assessment:</b>	<b>7- الطالب :تقويم :</b>
Written examination	<b>الأساليب المستخدمة-أ</b> <b>Used Methods</b>
-Final written examination      16 <sup>th</sup> week	<b>time :التوقيت -ب</b>

Final written examination	50	: توزيع الدرجات - ج Marks distribution
<b>Total</b>	<b>50</b>	
<b>List of References</b>		8- قائمة الكتب الدراسية والمراجع
<i>Abdelhameed, M. (2019):</i> Handout of sociology, faculty of Arts, Benha university.		مذكرات-أ Course note
<b>The Undertaker, S. (2018):</b> Neurotic Disorders, (4 <sup>th</sup> ed.). Routeledge and kegenpaul Ltd , USA		كتب ملزمة-ب Required Books ( Text Books )
<b>Zaghloul, A. (2018):</b> Emotional and Behavioral Disorders, (3 <sup>rd</sup> ed.). The Guilford Press, New York, london		كتب مقترحة-ج Recommended Books
<a href="http://www.sci-ne.com">http://www.sci-ne.com</a> <a href="http://www.mawdoo3.com">http://www.mawdoo3.com</a> <a href="http://www.ego4u.com/en/cram-">http://www.ego4u.com/en/cram-</a> <a href="http://www.elearning.edu.eg.com">http://www.elearning.edu.eg.com</a>		Websites/ periodic

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