

نموذج رقم (7)
توصيف مقرر دراسي
(للعام الأكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم : علم الاجتماع- كلية الآداب

1- بيانات مقرر		
الفرقة /الأولى الفصل الدراسي الثاني	اسم المقرر : أساسيات علم الاجتماع Principles of Sociology	الرمز الكودي : SUP 121
عدد الساعات الدراسية: نظري(1) ساعة × 15 أسبوع (-) : عملي		التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر

The course aims to acquire undergraduate students with special information about the contemporary social dynamics, structures and theories as well as studying the best major social systems and their role in contemporary society

3- المستهدف من تدريس المقرر

أ- المعرفة و الفهم:

By the end of the course the student should be able to

- a.1 - Identify key terms of social illness.
- a.2 - List chronic social diseases, the social perspective on the occurrence of the disease.
- a.3 - Mention patterns of health and disease related behavior.
- a.4 –Illustrate the causal relationships and factors affecting the emergence of diseases.
- a.5- Describe the variables of sociology in relation to disease phenomena and treatment..
- a.6- Explain the historical explanations for the phenomenon of health and disease.
- a.7- Describe global trends in the study of child health.
- a.8- List the social functions of the family.
- a.9- Enumerate psychological and personality disorders.
- a.10- Mention nervous excitement and its effect on immunity
- a.11-Explain the social analysis of disease trends.

ب- المهارات الذهنية:

By the end of the course the student should be able to:

- b.1- Discuss the relationship and mutual influence between humans and the environment.
- b.2- Compare aspects related to the spread of diseases among different groups, societies, and cultural environments.
- b.3- Analyze the relationship between family, marriage and illness, and the clear interaction between these three variables.
- b.4- Differentiate the relationship between social and economic conditions and body condition.
- b.5- Discuss the relationship between creativity and psychological and mental disorders.
- b.6- Analyze the relationship of faith and religions with psychological and social harmony.

ج- المهارات المهنية و العملية:

By the end of the course , the student should be able to:

- d.1- Communicate with others in a positive way.
- d.2- Respects the self , rights and privacy of others.

د- المهارات العامة :

By the end of the course , the student should be able to:

e.1 - Apply communication skills in the field of nursing care.

Chapter 1: Health, Illness, and Social Class

- Brief history
- Chronic diseases as a social problem
- The progress of society and its reflection on the change in disease patterns
- Definition of disease
- The social perspective of the occurrence of the disease
- Social class and disease
- Social analysis of disease trends

Chapter 2: Theoretical Framework for Health, Disease and Mortality

- Historical materialistic interpretations of health, disease and mortality
- Functional structural explanations for health, disease and death

Chapter 3: Social Environment and Health

- The health status of children in the world
- Global trends in child health study

Chapter 4: Applied Models of Some Field Research

- Local trends to study medical sociology

Chapter 5: The family and its relationship to health and disease

- What a family is
- The social functions of the family
- Family behavior towards illness as a pathogen
- A brief history of psychological and mental disorders
- Treatment of mental and mental patients
- The prevalence of mental and mental disorders
- Environmental and social causes of mental and mental disorders.

5- أساليب التعليم و التعلم :

Interactive lectures

Group discussion

6- تقويم الطلاب

Final written examination		أ- الأساليب المستخدمة
Final written examination	16 th week	ب- التوقيت
Final written examination	50	ج- توزيع الدرجات
Total	50	

7- قائمة الكتب الدراسية و المراجع :

Abd Elhameed, M. (2019): Handout of sociology, .faculty of Arts, Benha university	أ- مذكرات
- الحانوتى, س. (2018) : الاضطرابات العصابية الزغلول, ع. (2018) : الاضطرابات الانفعالية والسلوكيه	ب- كتب ملزمة
-	ج- كتب مقترحة
mawdoo3.com https://sci-ne.com https://sci-ne.com	د- دوريات علميه او نشرات الخ

رئيس مجلس القسم العلمى :

أ.د. أميرة مصطفى راشد
١٥.٥.٢٠١٥

منسق المقرر :

د. م. م. م. م.



نموذج رقم (7)
توصيف مقرر دراسي

(للعام الأكاديمي 2020/2019)

(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: التمريض الباطني الجراحي

1- بيانات مقرر		
الفرقة: الأولى	اسم المقرر: تمريض باطني جراحي (1)	الرمز الكودي:
الفصل الدراسي الثاني	Medical Surgical Nursing (1)	NUR 121
	عدد الساعات الدراسية:	التخصص:
	نظري (4) ساعة × 15 أسبوع	بكالوريوس في علوم التمريض
	عملي (12) ساعة × 15 أسبوع	

2- هدف المقرر:

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- المستهدف من تدريس المقرر:

أ- المعرفة و الفهم:

By the end of the course, each student should be able to:

- a.1- Explain different phases of preoperative nursing care.
- a.2- Identify appropriate NANDA nursing diagnosis and planning for perioperative phases.
- a.3- Describe appropriate perioperative patient teaching.

- a.4- Summarize the effect of immobility on different body systems and its preventive measures.
- a.5- Identify common cardiac problems..
- a.6-Enumerate causes and clinical manifestations of deep venous thrombosis.
- a.7- Summarize nursing management of patient with vascular disorders.
- a.8-Explain different types of anemia.
- a.9-Assess nursing management of patient with liver cirrhosis.
- a.10- Identify basis of evidence based practice guidelines within the Egyptian health care system.
- a.11- List different new trends in medical surgical nursing for providing evidence nursing care.

ب- المهارات الذهنية:

By the end of the course, each student should be able to:

- b.1-Differentiate between common fluid and electrolyte disturbances
- b.2-Formulate nursing care plan for patients with fluid and electrolyte imbalances.
- b.3-Develop appropriate NANDA nursing diagnosis and planning of care for patient in preoperative and post-operative phases
- b.4- Design a plan of care for immobilized patient.
- b.5-Discuss health education into nursing management for patient with pneumonia.
- b.6- Develop nursing care plan for patients with tuberculosis
- b.7- Plan nursing care plan for patients with diabetes mellitus.
- b.8-Develop health education for patients with hypertension.
- b.9-Formulate nursing care plan for patients diagnosed with congestive heart failure.
- b.10-Distinguish between signs & symptoms of common gastro intestinal tract problems.
- b.11-Classify between signs and symptoms of hyper and hypo thyrodism.
- b.12-Differentiate between types of anemia.

ج- المهارات المهنية و العملية:

By the end of the course, each student should be able to:

- c.1-Apply nursing care plan for patients with fluid and electrolyte disturbances.
- c.2-Perform principles of aseptic techniques of wound dressing.
- c.3- Demonstrate nursing intervention for cardiac problems.
- c.4-Implement nursing process as a framework of care for patients with varicose veins.
- c.5- Perform nursing intervention for patients suffering from hematologic problems.
- c.6-Practice nursing process for patients with liver cirrhosis.
- c.7-Provide comprehensive nursing care for patients with colostomy.
- c.8-Utilize holistic, systematic nursing assessment skills to prepare a plan of care for adult patients .
- c.9-Apply holistic nursing care to clients with actual or potential health problems in different practice settings with respecting people diversity.
- c.10-Assess needs of adult patients prior providing nursing care in medical surgical units within the context of culture and values.
- c.11. Implement appropriate nursing activities skillfully and in accordance with best evidence- based practices to improve health care in medical surgical nursing.
- c.12- Apply standardized protocols and guidelines when providing nursing care to adult patients in medical surgical units.

د-المهارات العامة :

By the end of the course , each student should be able to:

- d.1- Participate effectively with a collaborative team.
- d.2-Use information technology in different areas.
- d.3- Manage effectively time, resources and sets priorities.
- d.4- Apply communication skills in inter-professional, social and therapeutic context.
- d.5-Use information technology to provide safe care and evaluate their impact on adult patient outcome

By the end of the course , each student should be able to:

هـ- السلوك:

e.1 Build an ethical value system for informed nursing practices regardless patients' culture.

e.2 Participate as a role modeling and support others health personnel to maximize outcomes of patient care.

e.3 Apply patients' rights, autonomy and privacy in accordance with hospital policies and procedural guidelines.

4- محتوى المقرر :

Chapter I: Basic concepts in nursing:

1- Fluid and electrolytes balance& imbalance

2- Peri-operative nursing care

Chapter II: Cardiovascular & circulatory system

- Nursing management of some cardiovascular disorders

(Rheumatoid endocarditis &hypertension)

Chapter III: Peripheral vascular system

- Nursing management of some vascular disorders (DVT and aneurysm)

Chapter IV: Respiratory system

- Nursing management of some respiratory disorders

Upper (Sinusitis & Pharyngitis)

Lower (Pneumonia & Bronchitis)

Chapter V: Gastrointestinal system

Management of patient with GIT problem (Peptic ulcer &liver cirrhosis)

Chapter VI: Endocrine System:

Management of patient with some endocrine disorders

(Diabetes Mellitus & Thyroid disorders).

Chapter VII: Hematologic system:

- Nursing management of some hematologic disorders
(Anemia & hemophilia)

5- أساليب التعليم و التعلم:

Interactive lectures

Group discussion
Problem solving
Brain storming
Social media
Advanced mobile devices
Educational video
Self-learning
Team work
Clinical training
Demonstration
Role play
Electronic learning
Simulation
Video based training

6- تقويم الطلاب

Semester work (assignment –presentation)
Midterm examination
Final practical examination
Final oral examination
Final written examination

أ- الأساليب المستخدمة

Semester work periodically
Midterm examination 7th week
Final practical examination 15th week
Final oral examination 16th week
Final written examination 16th week

ب- التوقيت

Semester work	60	ج- توزيع الدرجات
Final practical examination	10	
Final oral examination	10	
Final written examination	120	
Total	200	
7- قائمة الكتب الدراسية و المراجع :		
Gaber, H., Sera, H., Mohamed, S., Sheta, H., Mosaad, M. & Abo Elfadl, N.(2018): Hand outfor Medical Surgical Nursing, Faculty of Nursing , Benha University.		أ- مذكرات
Smeltzer, S. C.& Bare, B.G. (2018) : Medical surgical nursing. 10 th ed.,Philadelphia. J.B. Lippincott, Williams & Wilkins.		ب- كتب ملزمة
Smith, S.F., Duell, D. J. & Martin, B. C.(2018): Clinical nursing skills 6 th ed., New jersey. Pearson education, Inc.		ج- كتب مقترحة
Allen, K. D., Ballard, S. E., Cooper, K., Croke, E. (2018): Disease. Lippincott Williams and Wilkins. Com. London		
Moyet, L. C. (2017): Nursing diagnosis. 11 th ed. Lippincott Williams and Wilkins. Com. London.		
Hardin, S. R. & Kaplow, R. (2017): Critical care nursing. Jones and Bartlett publishers, Inc. London		
Yarbro, C. H., Frogge, M .H. & Goodman, M. (2017): Cancer nursing. 6 th ed. Jones and Bartlett publishers, Inc. London.		د- دوريات علمية أو نشرات الخ
http://www.nursing center.com		

رئيس مجلس القسم العلمي :

منسق المقرر :

أ.د. مروة مصطفى راتب
٢٠٢٠/١٢/١٥

د. هالة شحاتة

نموذج رقم (7)
توصيف مقرر دراسي
(للعام الأكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: الباثولوجي- كلية الطب البشرى

1- بيانات مقرر		
الفرقة /الأولى الفصل الدراسي الثانى	اسم المقرر : باثولوجي Pathology	الرمز الكودى : MED 121
عدد الساعات الدراسية : نظري (2) ساعة × 15 أسبوع عملي (-)		التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر

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- المستهدف من تدريس المقرر

أ- المعرفة و الفهم:

By the end of the course the student should be able to

- a.1- Identify key terms of pathology.
- a.2- Explain stages of cellular response to injury.
- a.3- List causes and types of pathological changes occur in inflammation.

- a.4- Describe chronic specific inflammation (granuloma).
- a.5- Identify repair.
- a.6- Enumerate types of repair.
- a.7- Describe predisposing factors and pathological changes that occur in circulatory system during hemorrhage, embolism, edema and shock
- a.8- Illustrate classification of tumors.

ب- المهارات الذهنية:

By the end of the course the student should be able to:

- b.1- Differentiate between different circulatory disturbances.
- b.2- Compare between primary and secondary pulmonary tuberculosis as a granulomatous inflammation.
- b.3- Distinguish between types of wound healing.
- b.4- Integrate pathophysiological categorize of edema.
- b.5- Interpret characteristics of benign and malignant neoplasm.
- b.6- Compare between methods of spread of malignant tumors.

ج- المهارات المهنية و العملية:

د- المهارات العامة :

By the end of the course , the student should be able to:

- d.1- Manage effectively time, resources and sets priorities.
- d.2- Apply communication skills in inter-professional context.

هـ- السلوك:

By the end of the course , the student should be able to:

- e.1 - Apply patients' rights and autonomy.

4- محتوى المقرر :

- Terms of pathology
- Cell response to injury
- Inflammation
- Types of wound
- Repair
- Circulatory disturbances
- Hemorrhage and embolism
- Shock
- Tumors
- Edema.
- Tuberculosis

5- أساليب التعليم و التعلم :

- Interactive lectures
- Group discussion
- Brain storming
- Social media
- Advanced mobile devices
- Educational video

6- تقويم الطلاب

Final oral examination		أ- الأساليب المستخدمة
Final written examination		
Final oral examination	16 th week	ب- التوقيت
Final written examination	16 th week	
Final oral examination	20	ج- توزيع الدرجات
Final written examination	80	
Total	100	

7- قائمة الكتب الدراسية و المراجع :

<p>Amer, R. (2019): Handout for pathology, 1st year, Faculty of Medicine, Benha University</p>	<p>أ- مذكرات</p>
<p>Kierszenbaum, A. & Tres, L. (2018): Histology and Cell Biology: An Introduction to Pathology, 3rd ed, Elsevier Health Sciences, New York.</p>	<p>ب- كتب ملزمة</p>
<p>Brooks, H. (2018): General Pathology for Veterinary Nurses, 3rd ed, John Wiley & Sons, London. Reviews, C. (2017): Histology and Cell Biology, Introduction to Pathology, 2nd ed, Textbook Reviews, London. Moini, J. (2017): Introduction to Pathology for the Physical Therapist Assistant, 2nd ed, Jones & Bartlett Publishers, United States of America.</p>	<p>ج- كتب مقترحة</p>
<p>www.google.com www.Yahoo.com</p>	<p>د- دوريات علمية او نشرات الخ</p>

رئيس مجلس القسم العلمي :

أ. د. مروة مصطفى اغني

منسق المقرر :

د. صلاح

نموذج (7)
توصيف مقرر دراسي
(للعام الاكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم : التمريض الباطني الجراحي

1- بيانات مقرر		
الفرقة : الأولى	اسم المقرر : أساسيات التمريض	الرمز الكودي :
الفصل الدراسي الأول	Fundamental Nursing	NUR 111
عدد الساعات الدراسية : نظري (4) ساعة × 15 اسبوع عملي (12) ساعة × 15 اسبوع		التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر:

The course aims to provide undergraduate students with knowledge and skills related to the components of nursing process.

3-المستهدف من تدريس المقرر

أ- المعرفة و الفهم:

By the end of the course , each student should be able to:

- a.1- Illustrate nursing history.
- a.2- List components of nursing process.
- a.3- Identify principles of health and illness .
- a.4- Explain basic human needs.

- a.5-Describe different types of respiration.
- a.6- Enumerate different mechanisms of pulse regulation.
- a.7- Explain mechanism of body temperature .
- a.8- Mention factors of increase or decrease heat production.
- a.9-Illustrate different types of exercise.
- a.10- Explain importance of diagnostic testing.
- a.11- Identify modes of infection transmission .
- a.12- List purposes of hygienic activities.
- a.13- Summarize signs and symptoms of bowel problems and its nursing management .
- a.14- Enumerate common causes of urinary elimination and its nursing management.
- a.15- List factors affecting fecal elimination.
- a.16-Enumerate physiologic changes during sleep.
- a.17- Illustrate alterations in sleep pattern.
- a.18-Describe normal movements of fluids and electrolytes among vascular system.
- a.19-Identify basis of evidence based practice guidelines within the Egyptian Health Care System.
- a.20- List different new trends in fundamental nursing for providing evidence nursing care

ب- المهارات الذهنية

By the end of the course, each student should be able to:

- b.1- Distinguish between nursing and medical diagnosis..
- b.2 - Design plan of care for satisfying human needs.
- b.3- Formulate nursing intervention for specific hygienic problems.
- b.4- Differentiate between different types of communication.
- b.5- Integrate plan for universal precautions for infection control.
- b.6- Formulate specific nursing intervention for elimination problems.
- b.7- Design plan of care for patient with nutritional deficiency.
- b.8- Differentiate between different methods of documentation.
- b.9- Compare between different types of diagnostic tests.

- b.10-Distinguish between different effect of heat and cold application.
- b.11- Assess systolic and diastolic blood pressure.
- b.12-Integrate the ethical and legal responsibilities regarding nursing practice skills for the role of the nurse in lab.

ج- المهارات المهنية و العملية:

By the end of the course, each student should be able to:

- c.1-Apply correct narrative record and report in all nursing activities.
- c.2-Evaluate patient's health condition needs from different resources.
- c.3-Apply universal precautions for infection control.
- c.4- Practice vital signs accurately.
- c.5- Apply principles of good body mechanics.
- c.6-Measure fluid intake and output accurately.
- c.7- Apply technique of intramuscular , subcutaneous and intradermal injection.
- c.8-Perform proper technique of oral medication administration.
- c.9- Demonstrate hair shampoo, foot and nail care.
- c.10-Implement nursing role before, during and after diagnostic testing.
- c.11-Utilize different methods of communication skills.
- c.12- Demonstrate range of motion exercise on different types of joints.
- c.13-Apply holistic, systematic nursing assessment skills concerning nursing practice to prepare a plan of care in lab.
- c.14. Use critical thinking and leadership skills concerning patients to maximize health and quality of life.
- c.15.Apply researches that support and help in maintaining safe environment for patients.
- c.16. Develop appropriate nursing activities skillfully and in accordance with best evidence-based practices to improve health care in fundamental nursing.
- c.17-Implement standardized protocols and guidelines when providing nursing care for patients.

د- المهارات العامة :

By the end of the course ,each student should be able to:

- d.1- Participate effectively with a collaborative team.
- d.2-Use information technology in different areas.
- d.3- Manage effectively time, resources and sets priorities.
- d.4- Apply communication skills in inter-professional, social and therapeutic context.

هـ- السلوك

By the end of the course, each student should be able to:

- e.1 - Build an ethical value system for informed nursing practices regardless patients' culture.
- e.2 - Participate as a role modeling and support other health personnel to maximize outcomes of patient care.
- e.3 - Apply patients' rights, autonomy and privacy in accordance with hospital policies and procedural guidelines when providing nursing care.
- e.4 - Integrate communication skills in inter professional social and therapeutic context.

4-محتوى المقرر :

Introduction to nursing

Health and illness

Basic human needs

Personal hygiene

Communication

Nursing documentation

Nursing process

Infection control

Immobility

Elimination needs

Nutritional needs

Rest and sleep

Vital signs

Drug administration

Diagnostic tests

Patient safety

Critical thinking	
Evidence based practice	
5- أساليب التعليم و التعلم :	
Interactive lectures	
Group discussion	
Problem solving	
Critical thinking	
Brain storming	
Electronic learning	
Self learning	
Team work	
Role play	
Clinical training	
Demonstration	
Simulation	
6- تقويم الطلاب	
Semester work (assignment –presentation)	أ- الأساليب المستخدمة
Midterm examination	
Final practical examination	
Semester work (assignment –presentation)	أ- الأساليب المستخدمة
Midterm examination	
Final practical examination	
Final oral examination	
Final written examination	

		ب- التوقيت
Semester work	periodically	
Midterm examination	7 th week	
Final practical examination	16 th week	
Final oral examination	16 th week	
Final written examination	16 th week	
		ج- توزيع الدرجات
Semester work	60	
Final practical examination	10	
Final oral examination	10	
Final written examination	120	
Total	200	
7- قائمة الكتب الدراسية و المراجع :		
		ا- مذكرات
<i>Moustafa, M., Abdelkader, H. (2019):</i> Hand out of fundamental of nursing, Faculty of Nursing, Benha University.		
		ب- كتب ملزمه
<i>Rebeiro, G., Jack, L., Scully, N. and Wilson, D. (2018):</i> Fundamental of Nursing: Clinical Skills Workbook, 2nd (ed.). Elsevier co, Australia		
		ج- كتب مقترحه
<i>Potter, P.A., Perry, A.G., Stockert, P., Hall, A. and Peterson, V. (2018):</i> Clinical Companion for Fundamental of Nursing: Just the Facts, (8th ed.). Mosby co., USA.		
<i>Minor, M. D. (2017):</i> patient care skills 9 th ed. Pearson Toronato New York		
http:// www.RN.com		د- دوريات علميه او نشرات الخ
http:// www.enursing.com		

رئيس مجلس القسم العلمى :

أ.م.د. مصطفى راني

١٤١٥ هـ

منسق المقرر :

د. هادي

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نموذج رقم (7)
توصيف مقرر دراسي
للعام الأكاديمي (2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: اللغة الإنجليزية- كلية التربية

1- بيانات مقرر		
الفرقة : الأولى الفصل الدراسي الاول	اسم المقرر :اللغة الإنجليزية (1) English(1)	الرمز الكودي : SUP 111
عدد الساعات الدراسية نظري(1) ساعة × 15 أسبوع عملي (-)		التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر	
The course aims to equip undergraduate students with the basics of English language to facilitate study.	
3- المستهدف من تدريس المقرر	
أ- المعرفة و الفهم: <i>At the end of the course each student should be able to</i> a.1 - Identify basics of language.	

- a.2- Describe components of conditional sentences.
- a.3- List different types of pronoun.
- a.4- Enumerate principles of dialogue practice.

ب- المهارات الذهنية:

At the end of the course each student should be able to:

- b.1-Discuss phrases using the past simple tense.
- b.2- Create phrases using the present simple tense.
- b.3- Design different dialogue related to responsibility and accountability of the role of nurse.
- b.4 - Integrate phrases using the present continuous tense.
- b.5- Formulate phrases by using "pronoun".

ج- المهارات المهنية و العملية:

د- المهارات العامة :

At the end of the course , each student should be able to:

- d.1- Utilize appropriate communication skills regarding reading comprehension sentences
- d.2- Manage efficiently time, resources, and set priorities regarding dialogue practice
- d.3- Illustrate reading skills in different context.
- d.4- Use the internet and other electronic sources as a mean of communication and sources of information regarding basics of language

هـ- السلوك:

By the end of the course , the student should be able to:

- e.1- Apply ethical considerations during implementation of dialogue practice

4- محتوى المقرر :

Reading comprehension sentences
 Dialogue practice
 The past simple tense.
 The present simple tense
 The present continuous tense.
 Demonstrative pronouns
 Relative pronouns
 Reflexive pronouns

5- أساليب التعليم و التعلم :

Interactive lectures
 Group discussion
 Problem solving
 Brain storming
 Self learning

6- تقويم الطلاب

Final oral examination		أ- الأساليب المستخدمة
Final written examination		
Final oral examination	16 th week	ب- التوقيت
Final written examination	16 th week	
Final oral examination	10	ج- توزيع الدرجات
Final written examination	40	
Total	50	

7- قائمة الكتب الدراسية و المراجع :

<i>Basant, M. (2019):</i> Handout for English for nurses, Faculty of Arts ,Benha University.	أ- مذكرات
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<i>Martin, H. (2017): Advanced Grammar in Use ,2nd ed, Williams& Wilkins,NewYork.</i>	ب- كتب ملزمة
<i>McCarthy, M. & O'Dell, F.(2018): English Idioms in Use,3rd ed, Mc Graw-Hill Companies,New York.</i>	ج- كتب مقترحة
http://www.e-grammar.org/past-simple-continuous/ http://www.ego4u.com/en/cram-	د- دوريات علميه او نشرات الخ

رئيس مجلس القسم العلمى :

أ. م. هادي مصطفى
٢٠١٥.٤.٢٥

منسق المقرر :

د. سبحة مير

نموذج رقم (7)
توصيف مقرر دراسي
(للعام الأكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: اللغة الإنجليزية- كلية الآداب

1- بيانات مقرر		
الفرقة : الأولى الفصل الدراسي الثاني	اسم المقرر: اللغة الإنجليزية (2) English (2)	الرمز الكودي : SUP122
عدد الساعات الدراسية نظري (1) ساعة × 15 أسبوع عملي (-)		التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر
The course aims to prepare undergraduate students to be able to use English language effectively for promoting student's communication by using conversation and writing skills.
3- المستهدف من تدريس المقرر
أ- المعرفة و الفهم: <i>By the end of the course, each student should be able to:</i> a.1 - Identify basics of the language.

- a.2- Describe components of conditional sentences.
a.3- List different types of pronouns.
a.4- Illustrate present continuous tense.
a.5- Explain components of past continuous tense.

ب- المهارات الذهنية:

By the end of the course, each student should be able to:

- b.1- Discuss phrases using the past simple tense.
b.2- Plan phrases using the present simple tense.
b.3- Design different dialogues for different situations.
b.4 - Integrate phrases using the present continuous tense.
b.5- Formulate phrases by using pronouns.
b.6- Develop phrases using passive voice.
b.7- Discuss phrases using appropriate phonology.

ج- المهارات المهنية و العملية:

د- المهارات العامة :

By the end of the course, each student should be able to:

- d.1- Utilize appropriate interpersonal communication skills.
d.2- Apply problem solving skills.

هـ- السلوك:

By the end of the course, each student should be able to:

- e.1- Integrate communication skills in inter professional context.

4- محتوى المقرر :

Reading comprehension sentences
Dialogue practice

<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>Passive voice</p> <p>Phonology</p>		
5- أساليب التعليم و التعلم :		
<p>Interactive lectures</p> <p>Group discussion</p> <p>Problem solving</p> <p>Brain storming</p> <p>Social media</p> <p>Advanced mobile devices</p> <p>Educational video</p>		
6- تقويم الطلاب		
Final oral examination	أ- الأساليب المستخدمة	
Final written examination		
Final oral examination	16 th week	ب- التوقيت
Final written examination	16 th week	
Final oral examination	10	ج- توزيع الدرجات
Final written examination	40	
Total	50	
7- قائمة الكتب الدراسية و المراجع :		
<i>Basant, M., (2019):</i> Handout for English, Faculty of Arts ,Benha university.	أ- مذكرات	

<p><i>Martin, H. (2017):</i> Advanced Grammar in USA, 2nd ed., Williams& Wilkins, NewYork.</p>	<p>ب- كتب ملزمة</p>
<p><i>McCarthy, M. and O'Dell, F., (2018):</i> English Idioms in USA, 3rd ed., McGraw Hill Company, New York.</p>	<p>ج- كتب مقترحة</p>
<p>http://www.e-grammar.org/past-simple-continuous/ http://www.ego4u.com/en/cram-</p>	<p>د- دوريات علمية او نشرات الخ</p>

رئيس مجلس القسم العلمى :

أ.م.د. مروة مصطفى راتب
١٤١٥ هـ.ع.

منسق المقرر :

د. سمية سير

نموذج رقم (7)
توصيف مقرر دراسي
(للعام الأكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: الباراسيتولوجي - كلية الطب البشري

1- بيانات مقرر		
الفرقة: الأولى الفصل الدراسي الثاني	اسم المقرر : باراسيتولوجي Parasitology	الرمز الكودي : MED 122
	عدد الساعات الدراسية : نظري (2) ساعة × 15 أسبوع عملي (1) ساعة × 15 أسبوع	التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر:

The course aims to equip the student with essential knowledge and special practice to identify basic characteristics, lifecycle and mode of transmission of parasites. Also provide preventive and curative methods of parasitic diseases.

3- المستهدف من تدريس المقرر

أ- المعرفة و الفهم:

By the end of the course, the student should be able to :

- a.1 -Identify key terms of parasitology.
- a.2- Enumerate the common and endemic parasitic infections in Egypt.
- a.3-Define the habitant of nematodes parasite.

- a.4- List the different parasites routes affecting human body
- a.5- Enumerate signs and symptoms of common protozoa infection
- a.6- Describe the different preventive and control measures for trematode infection.
- a.7- List the methods of cestode control.
- a.8- Mention precautions and methods of collection of different sample for analysis.

ب- المهارات الذهنية

By the end of the course, the student should be able to :

- b.1-Illustrate life cycle of nematode parasite.
- b.2- Interpret diagnostic measures used to detect parasitic infection.
- b.3-Appraise different methods of parasitic prevention.
- b.4- Analyze different methods of treatment for protozoa infection
- b.5-Differentiate between different types of parasites.

ج- المهارات المهنية و العملية:

By the end of the course, the student should be able to :

- c.1- Apply investigation of parasite under microscope.
- c.2- Perform stool, urine and sputum examination.
- c.3- Interpret results of stool, urine and sputum examination.

د-المهارات العامة :

By the end of the course , the student should be able to:

- d.1- Participate effectively with a team.
- d.2-Use information technology in different areas.
- d.3- Apply communication skills in inter-professional context.

By the end of the course , the student should be able to:

- e.1 -Build an ethical value system for informed nursing practices regardless patients' culture.
- e.2 -Apply patients' rights and autonomy.

Chapter 1: Medical helminthology introduction

(Class trematoda)

- Liver fluke
- Intestinal flukes
- Blood flukes (Schistosoma)

Chapter2: Class cestodean

- Intestinal custodies
- Extra intestinal custodies

Chapter 3: Class nematode

- Intestinal nematodes
- Tissue nematodes

Chapter 4: Medical Protozoology

- Intestinal protozoa
- Blood protozoa
- Stool examination
- Urine examination
- Sputum examination
- Blood examination
- Medical entomology

Interactive lectures

Group discussion

Problem solving

Brain Storming

Social media

Advanced mobile devices

Educational Video

Self-Learning

Team work Clinical training Demonstration Video based training	
6- تقويم الطلاب	
Final practical examination Final oral examination Final written examination	أ- الأساليب المستخدمة
Final practical examination 15 th week Final oral examination 16 th week Final written examination 16 th week	ب- التوقيت
Final practical examination 10 Final oral examination 10 Final written examination 80 Total 100	ج- توزيع الدرجات
7- قائمة الكتب الدراسية و المراجع :	
<i>Rashed, S. (2019):</i> Handout for Parasitology, 1 st year, Faculty of Medicine, Benha University	أ- مذكرات
<i>Cox, F.G. (2018):</i> Modern Parasitology: A Textbook of Parasitology 2 nd ed,Wileycompany, USA.	ب- كتب ملزمة
<i>Mehlhorn, H. (2018):</i> Progress in Parasitology, 1 st ed. Springer Company, New York. <i>Bogitsh, B.J., Carter, C.E. and Oeltmann, T.N. (2017):</i> Human Parasitology, (4 th ed.) Elsevier, USA.	ج- كتب مقترحة

<i>Rollinson, D. and Hay, S. I. (2017):Advances in Parasitology, (1sted). Elsevier Co: USA.</i>	
http://www.med.sc.edu:85/book/welcome.htm http:// www.emedicine.com	د- دوريات علمية أو نشرات الخ

رئيس مجلس القسم العلمي :

د. أميرة مصطفى
١٤١٥ هـ

منسق المقرر :

د. سامح



نموذج رقم (7)

توصيف مقرر دراسي

(للعام الأكاديمي 2020/2019)

(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم : التمريض الباطني الجراحي

1- بيانات مقرر		
الفرقة : الأولى الفصل الدراسي الأول	اسم المقرر :تقييم صحي Health Assessment	الرمز الكودي : NUR 112
	عدد الساعات الدراسية: نظري(2) ساعة × 15أسبوع عملي : (-)	التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر:

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- المستهدف من تدريس المقرر

أ- المعرفة و الفهم

By the end of the course, student should be able to:

a.1-Identify basic health assessment of human body

- a.2- Illustrate briefly different types of health assessment.
- a.3-List different instruments used in health assessment.
- a.4-Summarize different techniques used in health assessment.
- a.5-Enumerate abnormal changes in different body systems.
- a.6-Explain position during health assessment.
- a.7-Define health assessment of nutritional health status.
- a.8-Explain health related learning needs of patient/client during health assessment.
- a.9- Assess factors that influence the patient's and family's learning abilities.
- a.10- Describe safe measures for health assessment practices to meet the needs for patient/clients.

ب- المهارات الذهنية:

By the end of the course, the student should be able to:

- b.1- Differentiate between different health assessment techniques.
- b.2- Discriminate normal and abnormal Glasgow coma scale.
- b.3- Compare between normal and abnormal nutritional status.
- b.4- Distinguish between health assessment of male and female reproductive system.
- b.5-Discuss responsibility and accountability for health assessment based on nursing practical level of competence.
- b.6-Examine evidence based practice related to health assessment for patients.
- b.7- Integrate research recommendations related to health assessment to maintain safe work environment.
- b.8-Develop health assessment and reassessment to measure patients outcomes to improve quality of nursing care.
- b.9 Discuss health assessment of different body system such as, skin, neurological

system, head, face, throat and eye.

ج- المهارات المهنية و العملية:

د- المهارات العامة :

By the end of the course, student should be able to:

d.1- Utilize communication skills with a respect for different values, cultures during interpretation to introduction to health assessment.

d.2 - Use computer effectively to retrieve data about health assessment instrument to remain current with advances in knowledge

d.3- Manage effectively time, resources and sets priorities.

هـ- السلوك

By the end of the course, students should be able to:

e.1 Apply ethical considerations in dealing with human body.

4- محتوى المقرر :

1-Introduction to health assessment.

2- Health assessment techniques.

3- Different types of health assessment

4- Positions during health assessment.

5-Instruments used in health assessment.

6-Health assessment of different body system such as:

- Skin

-Neurological System.

- Head, Face and Throat.
- Eye.
- Abdomen & Gastrointestinal System.
- Male & female reproductive system.
- 7-Health assessment of nutritional health status.

5- أساليب التعليم و التعلم :

Interactive lectures
Group discussion
Brain storming

6- تقويم الطلاب

أ - الأساليب المستخدمة

Final written examination
Final oral examination

ب- التوقيت

Final written examination	16 th week
Final oral examination	16 th week

ج- توزيع الدرجات

Final oral examination	20
Final written examination	80
Total	100

7- قائمة الكتب الدراسية و المراجع :

أ- مذكرات

Gaber, H., Mohammed, E. and Mostafa, H. (2019):
Hand out of human health assessment, faculty of nursing,
Benha university.

Altman, G.B. (2018): Fundamental and advanced nursing skills .5 th ed.	ب- كتب ملزمة
Moyet, L. C. (2017): Health assessment. 11 th ed. Lippincott Williams and Wilkins. Com. London.	ج- كتب مقترحة
Http: // www.google. com Http:// www.yahoo.com	د- دوريات علمية أو نشرات الخ

منسق المقرر: رئيس مجلس القسم العلمي:

د. أ. حرمه مصطفى
٢٠١١

د. أ. إيهاب محمد لعل

—————

نموذج رقم (7)
توصيف مقرر دراسي
(للعام الأكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: الفسيولوجي - كلية الطب البشرى

1- بيانات مقرر		
الفرقة: الأولى	اسم المقرر : فسيولوجي Physiology	الرمز الكودى: MED 113
الفصل الدراسي الأول	عدد الساعات الدراسية: نظري (2) ساعة × 15 أسبوع عملي (-)	التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر:

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

3- المستهدف من تدريس المقرر

أ- المعرفة و الفهم:

At the end of the course, each student should be able to:

- a.1-Define different physiological terms.
- a.2- Describe the regulation of body functions.

- a.3- Explain the divisions of the nervous system.
- a.4- Enumerate the physiological function of the nervous system.
- a.5- List the physiological function of the respiratory system.
- a.6- Enumerate phases of respiration.
- a.7-Illustrate factors affecting cardiac properties.
- a.8-List factors affecting heart rate and stroke volume.
- a.9- Describe functions of digestive system.
- a.10-Identify the sites of nervous system &the effect of parasympathetic stimulation.
- a.11- Summarize the effects of hemorrhage on body functions.
- a.12- Explain regulation of gastric emptying.
- a.13- List different new trends in physiology for providing evidence nursing care.

ب- المهارات الذهنية

At the end of the course, each student should be able to

- b.1- Distinguish between different blood components.
- b.2-Classify types of immunity.
- b.3- Compare between types of endocrine glands and match their sites
- b.4-Discuss effects of hemorrhage on body functions.
- b.5-Differentiate between different sites of endocrine glands.

ج- المهارات المهنية و العملية: (-)

د- المهارات العامة :

At the end of the course, each student should be able to:

- d.1- Use computer effectively to retrieve data about human physiology in reaching biomedical information to remain current with advances in knowledge and practice.
- d.2- Utilize the internet and other electronic sources as a mean of communication and sources of information in human physiology.

هـ- السلوك

At the end of the course, each student should be able to:

e.1 - Integrate ethical considerations in human physiology.	
4- محتوى المقرر :	
<ul style="list-style-type: none"> -Introduction to human physiology. -Nervous system. - Respiratory system. - Blood. - Hemorrhage -Digestive system -The cardiovascular system. -Endocrine system. 	
5- أساليب التعليم و التعلم :	
<p>Interactive lectures</p> <p>Group discussion</p> <p>Brain storming</p>	
6- تقويم الطلاب	
<ul style="list-style-type: none"> -Final written examination -Final oral examination 	أ- الأساليب المستخدمة

- Final written examination	16 th week	ب- التوقيت
-Final oral examination	16 th week	
- Final written examination	80	ج- توزيع الدرجات
- Final oral examination	20	
Total	100	
7- قائمة الكتب الدراسية و المراجع :		
Arafat, W., (2019): Handout for Physiology, 1st year, Faculty of Medicine, Benha University		ا- مذكرات
Strang, K.,Widmaier, E.& Raff, H., (2018): Vander's Human Physiology, 14 th ed, McGraw-Hill Education, London.		ب- كتب ملزمة
Reviews, C., (2018): Vander's Human Physiology, The Mechanisms of Body Function: Medicine, Human anatomy, 12 th ed, Textbook Reviews, United states of America.		ج- كتب مقترحة
http://www.med.sc.edu: /book/welcome.htm http:// www.emedicine.com		د- دوريات علمية او نشرات الخ

رئيس مجلس القسم العلمي:

أ. د. أميرة مصطفى
٢٠١٥ / ١٠ / ٢٠

منسق المقرر:

داود

نموذج رقم (7)
توصيف مقرر دراسي
(للعام الأكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: التشريح - كلية الطب البشري

1- بيانات مقرر:		
الفرقة : الأولى الفصل الدراسي الأول	اسم المقرر : تشريح Anatomy	الرمز الكودي : MED 112
	عدد الساعات الدراسية : نظري (2) ساعة × 15 أسبوع عملي (1) ساعة × 15 أسبوع	التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر:	
The course aims to equip undergraduate students with basic knowledge and skills related to anatomy of various body systems and organs.	
3- المستهدف من تدريس المقرر	
أ- المعرفة و الفهم: <i>At the end of the course, each student should be able to:</i> a.1- Identify terms of anatomical direction. a.2- List items of body movements. a.3- Describe the basic anatomical positions of human body.	

- a.4- Explain briefly parts of circulation.
- a.5- Enumerate parts of the nervous system.
- a.6- List abdominal cavity contents.
- a.7- Summarize anatomical structure of excretory system.
- a.8- Describe structure of respiratory system.
- a.9- Explain structure of cardiovascular system.

ب- المهارات الذهنية

At the end of the course, each student should be able to:

- b.1- Differentiate between basic anatomical structure of joints .
- b.2- Distinguish between landmarks of the underlying bones and cartilages.
- b.3- Compare between different types of internal muscles.
- b.4- Differentiate between different types of digestive parts of human body.
- b.5- Classify internal anatomical structure of genital system according to gender.

ج- المهارات المهنية و العملية:

By the end of the course, student should be able to:

- c.1- Draw the anatomical structure of the mammary glands.
- c.2- Demonstrate anatomical movements of human body.
- c.3- Formulate the anatomical structure of the nervous system.
- c.4- Demonstrate anatomical range of movement of different body joints.

د- المهارات العامة :

At the end of the course, each student should be able to:

- d.1- Participate effectively within a multidisciplinary team concerning formulate the anatomical structure of the nervous system .

d.2 – Use computer effectively to retrieve data about in reaching biomedical information to remain current with advances in knowledge and practice.

هـ- السلوك

By the end of the course, students should be able to:

e.1 Utilize an ethical value system in dealing with human body

e.2 Integrate communication skills in inter professional and ethical context.

e.3 Apply cadaver rights according to Egyptian health care system, anatomy and privacy

4- محتوى المقرر :

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

2- Regions & contents

IX- Digestive system:

1- Digestive tube

2- Digestive organs

X- Excretory system:

XI- Genital system:

- 1-Male genital system
- 2-Female genital system

XII-Endocrine Glands
XIII- Mammary Glands

5- أساليب التعليم و التعلم :

- Interactive lectures
- Group discussion
- Problem solving
- Brain Storming
- Self learning
- Team work
- Clinical training
- Demonstration

6- تقويم الطلاب

أ- الأساليب المستخدمة

- Final practical examination
- Final oral examination
- Final written examination

ب- التوقيت

- Final practical examination 15th week
- Final oral examination 16th week
- Final written examination 16th week

ج- توزيع الدرجات

- Final practical examination 10
- Final oral examination 10
- Final written examination 80
- Total 100

7- قائمة الكتب الدراسية و المراجع :

Eid, A .(2019): Handout For Anatomy: Faculty of Medicine , Benha University

أ- مذكرات

Ross A., and Wilson E., (2018): Anatomy and physiology of Health and illness 13 th ed. Elsevier comp, U.S.A.	ب- كتب ملزمة
Allen, D., Ballard, E., Cooper, K. And Croke, E. (20 ¹⁹): Disease. Lippincott, Williams and Wilkins. Com. London	ج- كتب مقترحة
http://www.med.sc.edu:85/book/welcome.htm http:// www.emedicine.com	د- دوريات علمية أو نشرات الخ

رئيس مجلس القسم العلمي:

أ. د. مروة مصطفى رافع
٢٠٢٠/١١/١٥

منسق المقرر :

د. مصطفى



نموذج رقم (7)

توصيف مقرر دراسي

(للعام الأكاديمي 2020/2019)

(لائحه جديدة)

جامعة: . بنها

كلية: التمريض

قسم: الميكروبيولوجي - كلية الطب البشري

1- بيانات مقرر		
الفرقة: الأولى الفصل الدراسي الثاني	اسم المقرر: ميكروبيولوجي Microbiology	الرمز الكودي: MED 123
عدد الساعات الدراسية: نظري (2) ساعة × 15 أسبوع عملي (1) ساعة × 15 أسبوع		التخصص: بكالوريوس في علوم التمريض

2- هدف المقرر:

The course aims to equip the nursing students with fundamental aspects of microbiology, immunology and factors effecting of it from clinical view of point and characteristics of microorganism and its relation with human health and principles of infection controls.

3-- المستهدف من تدريس المقرر

أ-المعرفة و الفهم:

By the end of the course, students should be able to:

- a.1- Identify key terms of microbiology & immunology.
- a.2 - Enumerate important causative agents of infection.

- a.3 –Illustrate methods for collecting different clinical specimens.
- a.4- List principles of immunization against different infectious diseases.
- a.5- Enumerate types of vaccines.
- a.6- Explain basics of antimicrobial chemotherapy.
- a.7-Describe complications of antimicrobial chemotherapy.
- a.8-Summarize principles of infection control policies.
- a.9-Identify needs of individuals families and communities.

ب- المهارات الذهنية

By the end of the course, students should be able to:

- b.1- Compare between disinfection and sterilization.
- b.2- Differentiate between physical and chemical methods of sterilization.
- b.3- Distinguish between acquired and congenital immunity .

ج- المهارات المهنية و العملية:

By the end of the course, students should be able to:

- c.1-Perform correct ways to collect different specimens accurately.
- c.2- Practice aseptic technique principles.
- c.3- Apply different methods of sterilization and disinfection.
- c.4- Implement role of nurse regard microbiology.

د-المهارات العامة :

By the end of the course , the student should be able to:

- d.1- Participate effectively with a team.
- d.2-Use information technology in different areas.
- d.3- Manage effectively time, resources and sets priorities.
- d.4- Apply communication skills in inter-professional, social and therapeutic context.
- d.5- Respect patient privacy and follow professional ethics.

By the end of the course , the student should be able to:

- e.1 - Build an ethical value system for informed nursing practices regardless patients' culture.
- e.2 - Apply patients' rights, autonomy and privacy.

4- محتوى المقرر :

- Introduction to microbiology:
 - Bacterial cell structure.
 - Bacterial physiology.
 - Metabolism, reproduction and growth curve.
- Immunology.
- Immunization.
- Nosocomial infection.
- Infection control
- Causative agent of infection.
- Antimicrobial chemotherapy.
- Collection of clinical samples

5- اساليب التعليم و التعلم :

- Interactive lectures
- Group discussion
- Problem solving
- Brain storming
- Social media
- Advanced mobile devices
- Educational video
- Self-learning
- Clinical training
- Demonstration
- Video based training

6- تقويم الطلاب

Final practical examination

أ- الأساليب المستخدمة

Final oral examination		
Final written examination		
Final practical exam	15 th week	ب- التوقيت
Final oral examination	16 th week	
Final written examination	16 th week	
Final practical exam	10	ج- توزيع الدرجات
Final oral examination	10	
Final written examination	80	
Total	100	
7- قائمة الكتب الدراسية و المراجع :		
Shafik, A.(2019): Handout of Microbiology Faculty of Medicine, Benha University.		أ- مذكرات
Sullivam,H. & Gary, P.(2018): Human pathogenic Fungi: Molecular Biologyband Pathogenic Mechanism (3 rd ed),New York,Elsevier.		ب- كتب ملزمة
-		ج- كتب مقترحة
http://www.microbe.org/microbes/virus_or_bacterium.asp http://www.microbelibrary.org http://www.mic.ki.se/Diseases/c2.html http://www.med.sc.edu:85/book/welcome.htm		د- دوريات علمية أو نشرات الخ

رئيس مجلس القسم العلمي :

أ.د. محمد مصطفى العبد
ع.ع. ١٩١٥

منسق المقرر :

د. م. م. م. م. م.

نموذج (7)
توصيف مقرر دراسي
(للعام الاكاديمي 2020/2019)
(لائحة جديدة)

جامعة: بنها

كلية: التمريض

قسم: الكيمياء - كلية الطب البشرى

1- بيانات مقرر		
الفرقة: الأولى الفصل الدراسي الأول	اسم المقرر : كيمياء حيوي Biochemistry	الرمز الكودي : MED 111
عدد الساعات الدراسية : نظري (2) ساعة × 15 أسبوعيا عملي (1) ساعة × 15 أسبوعيا		التخصص : بكالوريوس في علوم التمريض

2- هدف المقرر:

The course aims to provide undergraduate students with essential knowledge and skills that enable them to be oriented with biochemical importance and pathways of macro and micro nutrients, as well as measure body fluid composition and their clinical implication.

3- المستهدف من تدريس المقرر

أ- المعرفة و الفهم:

At the end of the course, each student should be able to :

- a.1- Explain metabolic pathways of carbohydrates, lipids, proteins and the site of each.
- a.2- Enumerate the steps and regulatory mechanisms of biochemical nutritional substances.
- a.3- Describe micro- nutrients, their biochemical, clinical, importance and deficiency manifestation of each one.
- a.4- List the components of body fluids.

ب- المهارات الذهنية:

At the end of the course, each student should be able to :

- b.1- Discuss symptoms, signs of some metabolic disorders.
- b.2- Interpret urine report outcomes.
- b.3- Evaluate blood report outcomes.
- b.4- Compare between components of different body fluids

ج- المهارات المهنية و العملية:

At the end of the course, each student should be able to :

- c.1- Perform chemical tests to detect abnormal constituents of the urine.
- c.2- Implement aseptic technique during collection of urine specimen.
- c.3- Apply different methods of sterilization and disinfection.
- c.4- Formulate aseptic technique during collection of blood sample.
- c.5- Apply nurses' responsibility when dealing with different body fluids
- c.6- Implement holistic nursing care during collection of blood samples according to needs of patients

د- المهارات العامة :

At the end of the course, each student should be able to :

- d.1- Utilize communication skills with a respect for different values, cultures during interpretation urine and blood reports when dealing with patients .
- d.2- Utilize different new trends in biochemistry for providing evidence nursing care
- d.3 - Use computer effectively to retrieve data about in reaching biomedical information to remain current with advances in knowledge and practice
- d.4- Use the internet and other electronic sources as a mean of communication and sources of information

هـ- السلوك

At the end of the course, each student should be able to :

- e.1 - Apply patients' privacy during collection of urine specimen.
- e.2 - Demonstrate ethical considerations during collection of blood samples.

Metabolism of carbohydrates

Metabolism of lipids

Metabolism of proteins

Body fluids

Semen

Synovial fluids

Sweat

Blood

Urine

C.S.F

Amniotic fluids and tears

Methods of sterilization and disinfection

Interactive lectures

Group discussion

Brain storming

Self learning

Interactive lectures

Group discussion

Brain storming

Self learning

Team work

Clinical training

Demonstration

6- تقويم الطلاب	
أ- الأساليب المستخدمة	
Final practical examination	
Final oral examination	
Final written examination	
ب- التوقيت	
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Total	100
7- قائمة الكتب الدراسية و المراجع :	
<i>Elabd, A. (2019):</i> Handout of Biochemistry, Faculty of Medicine, Benha University.	أ- مذكرات
<i>Sandra, I, Marc, J., & Todd, A. (2018):</i> Biochemistry, Molecular Biology and Genetic, (1 st ed), Philadelphia, Elsevier.	ب- كتب ملزمة
<i>Cox, M., & Nelson, D. (2018):</i> Principles of Biochemistry. Worth pub., 2 nd ed, Nobel Sales Rank.	ج- كتب مقترحة
http:// www.emedicine.com	د- دوريات علمية أو نشرات
http://www.med.sc.edu:85/book/welcome.htm	الخ

رئيس مجلس القسم العلمي:

أ.أ. د. مروة مصطفى رافع
٢٠١٥/٠٢/٢٣

أستاذ المادة :

د. مروة مصطفى رافع