



# Program and Courses Specifications of Master Degree in Critical and Emergency Care Nursing 2018-2019

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## رؤية الكلية

تسعى كلية التمريض – جامعة المنصورة أن تكون إحدى أفضل كليات التمريض محلياً وإقليمياً ودولياً وأن تساهم بفاعلية في الارتقاء بالمنظومة الصحية في مصر.

## رسالة الكلية

كلية التمريض – جامعة المنصورة مؤسسة تعليمية وبحثية حكومية تقدم برامج تعليمية في علوم التمريض لتقديم خريج مؤهل علمياً وعملياً وإنتاج بحث علمي ودعم احتياجات المجتمع الصحية.

## الأهداف الإستراتيجية للكلية

1. التوسع في البنية التحتية والتجهيزات اللازمة لتحقيق التميز في كافة المجالات
2. تنميه ودعم مهارات القيادات وأعضاء هيئة التدريس ومعاونيهم والجهاز الإداري
3. تنمية الموارد الذاتية للكلية
4. تحديث آليات التقويم الذاتي بهدف التميز وتجديد الاعتماد
5. دعم العملية التعليمية لتخريج كوادر متميزة
6. تطوير برامج الدراسات العليا وجوده الأبحاث العلمية
7. تعظيم دور الكلية في مجال خدمة المجتمع وتنميه البيئة

# Program Specification

## نموذج (6)

نموذج استرشادي لتوصيف برنامج دراسي

(للعام الأكاديمي 2019/2018)

جامعة / أكاديمية : المنصورة

كلية / معهد : التمريض

قسم : تمريض العناية الحرجة والطوارئ

أ- معلومات أساسية :

1- اسم البرنامج : ماجستير في تمريض العناية الحرجة والطوارئ

2- طبيعة البرنامج : (أحادي) √ (ثنائي) (مشترك)

القسم العلمي المسئول عن البرنامج : تمريض العناية الحرجة والطوارئ

ب- معلومات متخصصة :

1- الأهداف العامة للبرنامج :

**Critical Care and Emergency Nursing Master Program provides an educational framework that will encourage the post graduate students to:**

1. Enhance their knowledge and psychomotor skills to conduct researches, academic educational and practical skills in a competent manner.
2. Develop a positive attitude to lifelong learning, by being empowered to expand post graduate students with knowledge, skills, attitudes and values within the context of critical care nursing
3. Enhance students' problem solving, critical thinking and analytical skills to promote an advanced level of both theory and clinical practice of critical care nursing.
4. Function autonomously and collaboratively in an advanced and extended clinical role in critical care nursing.
5. Manipulate basic and advanced technological means and available resources to serve the critical care nursing practice.

2- المخرجات التعليمية المستهدفة من البرنامج :

1/2 المعرفة والفهم :

### **Knowledge & Understanding**

**At the end of Critical Care and Emergency nursing master program, the graduate must be able to**

- A1. Discuss models, strategies and theories of health education and its application in critical care nursing and allied sciences
- A2. Discuss new trends in critical care nursing
- A3. Discuss priority emergency measures instituted for any patient with an emergency and life threatening condition
- A4. Display mutual effect of professional practice of critical care nursing and community
- A5. Describe nursing management of patients with life threatening injuries in the emergency and critical care settings
- A6. Recognize of novice critical care nursing modalities and updated information
- A7. Identify professional ethics & legal aspects of critical care nursing
- A8. Review updated ethical and legal aspects of professional critical care nursing practice.
- A9. State principles fundamental quality in practicing critical care nursing
- A10. Sort evidence based nursing practices in dealing with critically ill patients
- A11. Identify bioethical principles, core values, and standards of critical care nursing
- A12. Summarize the components and different designs of research methodology
- A13. Identify the principles of scientific research ethics and its impact on the quality of research
- A14. Search for effect of different body systems on each other
- A15. Identify the most recent medications for treatment different diseases.

A16. Enumerate methods of infection control in critical care settings.

المهارات الذهنية : 2/2

### **Intellectual/ Cognitive**

**At the end of Critical Care and Emergency nursing master program the graduate must be able to:**

- B1. Critically analyzes current literature and nursing practices to provide problem based contemporary care for critically ill patients
- B2. Develop plan for solving common professional problems in critical care settings
- B3. Synthesize a range of solutions to solve, life-threatening problems
- B4. Apply principles of problem solving to the care of patients in acute and critical conditions
- B5. Critically evaluates, and justifies proposed solutions for life-threatening problems
- B6. Correlate different scientific knowledge to solve professional problems
- B7. Formulate research problem and write research proposal
- B8. Criticize the different scientific papers of critical care nursing
- B9. Assess professional practical hazards in critical care settings
- B10. Carry out the evidence based guidelines and protocols for patient safety
- B11. Use innovative teaching strategies plan in critical care nursing settings
- B12. Integrate behavioral theories in critical care nursing practice.
- B13. Structure efficient plan for developing critical care nursing performance
- B14. Use accurate decision-making techniques in different critical care nursing areas
- B15. Construct decision-making process to enhance critical care nursing profession
- B16. Correlate between body systems and each other.

B17. Explain the pharmacokinetic and pharmacodynamic action of medication and their effect on different body systems and diseases

*3/2 المهارات المهنية والعملية :*

### **Practical & Professional skills**

**At the end of Critical Care and Emergency nursing master program the graduate will be able to:**

- C1. Provide safe, ethical, advanced and extended nursing practice
- C2. Demonstrate proficiency in the practical critical care nursing competencies
- C3. Exhibit an ability to integrate knowledge to provide a high standard of patient care
- C4. Write research proposal based on choosing appropriate research design and statistical analysis
- C5. Present scientific paper efficiently in critical care nursing
- C6. Write and evaluate the professional report
- C7. Show ability and willingness to function in a multidisciplinary setting
- C8. Operate counseling and health education skills for critically ill patients and their families
- C9. Apply nursing education theories in academic field and staff development
- C10. Assess and evaluate the current practices in critical care nursing.

*2/3/2 المهارات العامة :*

### **General and Transferable Skills**

**At the end of Critical Care and Emergency nursing master program graduate will be able to:**

- D1. Establish and maintain effective interpersonal relationships with critically ill patients,



their family and other members of the health care team

- D2. Communicate effectively with patients, their families, and other health care staffs
- D3. Use information technology in academic and practical fields
- D4. Select the appropriate information technology to serve the development of critical care nursing professional practice
- D5. Work effectively in an independent manner through self-direction in planning and implementing tasks
- D6. Demonstrate self-evaluation
- D7. Identify personal learning objectives
- D8. Demonstrate lifelong self-learning skills
- D9. Use different resources for collecting information & knowledge
- D10. Disseminate information efficiently both orally and in written form
- D11. Demonstrate peer evaluation
- D12. Evaluate others effectively using new evaluation strategies
- D13. Demonstrate teamwork skills
- D14. Lead team with professional technique
- D15. Demonstrate time management skills
- D16. Manage time schedule of scientific meetings.

3- المعايير الأكاديمية المرجعية للبرنامج :

### **Academic Standards**

**ARS of faculty of Nursing, Mansoura University were developed based upon the Generic of Postgraduates which were developed by the National Quality Assurance and Accreditation in Education (NQAAE)**

#### **1. Graduates Attribute**

## **Graduate of the Master 's program in any discipline must be able to:**

1. Professional in the application of basic, strategies and the use of various tools of scientific research.
2. Apply of the analytical approach and using it in the area of specialty.
3. Apply the scientific knowledge and combined it with relevant knowledge related to professional practice.
4. Show awareness of the current problems, and new trends in the field of specialty.
5. Determine professional problems and find solutions for it
6. Master of an appropriate specialized professional skill, and the use of technology to serve the professional practice.

## **2. General academic reference standard**

### **2-1 Knowledge & understanding**

**By The end of the master nursing program, the graduate must be aware and understand the following:**

- A. Theories and principles related to the field of learning and the related areas
- B. The mutual effect between the professional practice and its impacts on the environment
- C. New trends in the field of specialty.
- D. Ethical and legal principles of professional practice in the area of specialty.
- E. The principles and basics of quality of professional practice in the area of specialty.
- F. Basics and ethics of scientific research.

### **2-2 Intellectual Skills**

**By The end of master nursing program the graduate must be able to:**

- A. Analyze and evaluate the information in the area of specialty and follow it for solving problems
- B. Solve specialized problems even with if the data is unavailable.
- C. Link different knowledge to solve professional problems

- D. Design a research study and/or writing a scientific study for research problem
- E. Assess the professional practical hazards in the area of specialty.
- F. Plan for professional improvement of in the area of specialty.
- G. Take decisions in a variety of professional contexts.

### **2-3 Professional skills**

**By The end of the study the master program graduates must be able to:**

- A. Update basic professional skills in the area of specialty.
- B. Write and evaluate professional reports
- C. Evaluate the current methods and tools applied in the area of specialty.

### **2-4 General and transferable skills**

**By The end of master nursing program the graduate must be able to:**

- A. Use different communication skills effectively
- B. Use information technology to serve the professional practice
- C. Assess and identify personal learning needs
- D. Use different resources of knowledge and information
- E. Develop rules and indicators for evaluating the performance of others
- F. Work in a team, and lead teams in various professional contexts
- G. Manage time efficiently
- H. Optimize self- and continuous learning

#### 4- هيكل ومكونات البرنامج :

أ - مدة البرنامج : عامين

Program Structure ب- هيكل البرنامج :

□ عدد الساعات / عدد الوحدات : 848 نظري 640 عملي 1488 إجمالي

□ إلزامي □ انتقائي □ اختياري

□ مقررات العلوم الأساسية : 320 21.5%

□ مقررات العلوم الاجتماعية والإنسانية: 208 13.98%

□ مقررات علوم التخصص: 320 21.5%

□ مقررات من علوم أخرى (حاسب آلي و..): 640 43.2%

□ التدريب الميداني : لا يوجد

ج- مستويات البرنامج ( في نظام الساعات المعتمدة ) : لا تنطبق

د . مقررات البرنامج :

أ - إلزامي :

Code of the course	Course name	Week hours			Academic year/ level
		lecture	exercises	practical	
MPR1	Research methodology and biostatistics	2	2	-----	1 <sup>st</sup>
MPF2	Fundamental of Health Education	2	-----	-----	1 <sup>st</sup>
MPC3	Community Studies and Allied Health Problems	2	-----	-----	1 <sup>st</sup>
MPES	Strategies of nursing education	2	-----	-----	1 <sup>st</sup>

Code of the course	Course name	Week hours			Academic year/ level
		lecture	exercises	practical	
MPB5	Behavioral Sciences	2	-----	-----	1 <sup>st</sup>
MPE6	Educational Psychology	2	-----	-----	1 <sup>st</sup>
MPE7	English Language	2	-----	-----	1 <sup>st</sup>
MPC8	Computer Science	1	2	-----	1 <sup>st</sup>
MSC9	Critical Care Nursing	3	-----	18	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSS10	Seminars on Critical Care Nursing	3	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSC11	Critical Care Medicine	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSP12	Pathology physiology	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSA13	Anatomy	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSB14	Bacteriology	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSC15	Clinical Pharmacology	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSA16	Application for Health Education	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSN17	New trends in Critical Care Nursing	2	-----	-----	2 <sup>nd</sup> , 3 <sup>rd</sup>
MSP18	Thiess		Minimum 1 <sup>st</sup> and 3 <sup>rd</sup> year up to 4 <sup>th</sup> yea	Continuous	Continuous

6- متطلبات الالتحاق بالبرنامج :

### **Program registration requirements**

**Candidates for the Master of Critical Care Nursing program of Faculty of Nursing at Mansoura University will be required to fulfill the following academic criteria:**

1. Candidates for the master of critical care nursing program of faculty of nursing at Mansoura university will be required to fulfill the following academic criteria.
2. Bachelor of Science in nursing degree with a minimum grade of "good" from faculty of nursing, Mansoura university
3. Faculty members should practice for at least one year after the internship year.
4. Apply during August.

7- القواعد المنظمة لاستكمال البرنامج :

### **Roles and Regulation for Completion of the Program**

1. Satisfactory attendance for all courses and clinical training as follows.
  - 20% for Preparatory courses.
  - 40% for specialty courses.
  - 40% for Thesis
2. The candidate attends the required examinations at the end of each semester.
3. Pass all written examinations.
4. Register for her/his thesis after passing all the first and second term's courses successfully.
5. Submit a protocol for conducting a research project which must take the approval of the Faculty Council after the approval from research nursing council.
6. Discuss her/his thesis in front of judging committee at least after one year from the date of registration with a maximum period of 4 years after passing the third term courses successfully.
7. The candidate is permitted a second chance for passing the examinations in which she/he failed for any semesters courses at the end of the semester.
8. The candidate is permitted to repeat the examination in the courses if she failed to pass the re-write examination.
9. The candidates' success or failure is based on the following criteria of grading system:
  - Excellent: from 85% and more
  - Very Good: from 75% to less than 85%
  - Good: from 65% to less than 75%

- Pass: from 60% to less than 65%
- Poor: from 30% to less than 60%
- Very Poor : Less than 30%

10. The Final grading system is divided into:

- 20% for Preparatory courses.
- 40% for specialty courses.
- 40% for Thesis

8- طرق وقواعد تقييم المتحقيين بالبرنامج :

### **Roles and Methods for students' evaluation**

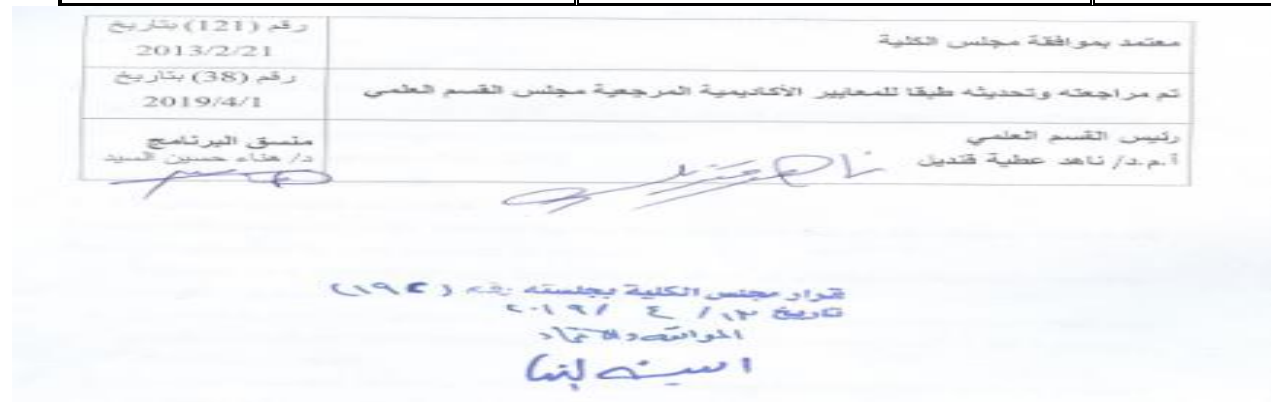
Assessment Methods	Definition of Methods	Measured Intended Learning Outcomes
1- Written exam	A specific task, duty, activity, or assignment in which, the student does or performs to overcome obstacles and achieve an objective or result. It is often being a part or phase of some larger activity.	A1-A10, B1,B2,B3, B10, B14
2- Oral exams	A set of questions, problems, or exercises for determining a student's knowledge, abilities, aptitude, or qualifications	C1-C10
3- Practical exams	A set of questions conducted by spoken communication, where an examiner poses questions to the student in spoken form and the student has to answer the question in such a way as to demonstrate sufficient knowledge of the subject in order to pass the exam. However, it is designed not just to test	B4, B6, B9, B11, B12, B13,B15, C1-C4, C7-C9,D1, D2, D4-D8, D11- D14

	knowledge, but the ability to respond on the spot.	
4- Semester work assessment	A type of examination often used in health sciences. It is designed to test clinical skill performance and competence in skills such as communication, physical examination, and nursing procedures.	B4, B6, C7,C8, D2, D5, D9, D10, D15, D1
5- thesis	Is a document submitted in support of candidature for an academic degree or professional qualification presenting the author's research and findings.	A1- A13, B1, B4, B5, B8

9- طرق تقويم البرنامج :

### Program Methods of Assessment

Target groups	Methods	Sample
Senior students/ Fourth year student	Self administered questionnaire Semi- structured interview	70%





## Matrix of ARS ILOs and Master of Critical Care and Emergency Nursing Program ILOS

<b>A. Knowledge and Understanding:</b>	
<b>ARS ILOs</b>	<b>Master Program ILOs</b>
A1- Delineate the basics of normal and abnormal human behaviors and interactions.	A1.Discuss models, strategies and theories of health education and its application in critical care nursing and allied sciences. A2.Discuss new trends in critical care nursing. A3.Discuss priority emergency measures instituted for any patient with an emergency and life threatening condition.
A4- Recognize principles of nursing management of common and life-threatening problems in different age groups	A5. Describe nursing management of patients with life threatening injuries in the emergency and critical care settings. A6. Recognize the novice critical care nursing modalities and updated information . A9.State principles fundamental quality in practicing critical care nursing . A10.Sort evidence based nursing practices in dealing with critically ill patients. A15.Identify the most recent medications for treatment different diseases
A5- Identifies determinants of health and principles of different levels of prevention for different age groups and settings	A16.Enumerate methods of infection control in critical care settings. A4.Display mutual effect of professional practice of critical care nursing and community. A14.Search for effect of different body systems on each other
A6- Recognizes principles and concepts of leadership/management, education human interactions and research	A7.Identify professional ethics & legal aspects of critical care nursing. A8.Review updated ethical and legal aspects of professional critical care nursing practice. A11.Identify bioethical principles, core values, and standards of critical care nursing. A12.Summarize the components and different designs of research methodology A13.Identify the principles of scientific research ethics and its impact on the quality of research

<b>B. Intellectual Skills</b>	
<b>ARS ILOs</b>	<b>Master Program ILOs</b>
B.1. Synthesizes assessment data to formulate nursing diagnoses	B.1. Analyze critically current literature and nursing practices to provide problem based contemporary care for critically ill patients. B2. Develop plan for solving common professional problems in critical care settings B3. Synthesize a range of solutions to solve, life-threatening problems.
B.3. Uses reasoning skills in prioritizing actions	B4. Apply principles of problem solving to the care of patients in acute and critical conditions.
B.4. Synthesizes knowledge derived from the basic, medical, nursing, humanities courses for the development of decision making in practice.	B5. Critically evaluates, and justifies proposed solutions for life-threatening problems.
B.6. Synthesizes clinical evidence in order to solve problems related to the management of patient care and the organization.	B6. Correlate different scientific knowledge to solve professional problems. B7. Formulate research problem and write research proposal.
B.7. Uses teaching/ learning principles in implementing educational activities to patient/ client and subordinates	B8. Critique the different scientific papers of critical care nursing. B9. Use innovative teaching strategies plan in critical care nursing settings.
B8. Development of critical thinking and Judgment as an important nursing skill in nursing practice	B10. Use accurate decision-making techniques in different critical care nursing areas. B11. Construct decision-making process to enhance critical care nursing profession.

<b>C. Professional and Practical skills</b>	
<b>ARS ILOs</b>	<b>Master Program ILOs</b>
C1. Uses a range of assessment techniques appropriate to the situation to identify relevant determinants of health; physical, psychosocial and cultural needs/ problems.	C.1. Provide safe, ethical, advanced and extended nursing practice. C2. Demonstrate proficiency in the practical critical care nursing competencies
C.2. Implements standardized protocols and guidelines when providing nursing care.	C3. Exhibit an ability to integrate knowledge to provide a high standard of patient care.
C.4. Conducts appropriate nursing activities skillfully and in accordance with best evidence- based practices.	C4. Write research proposal based on choosing appropriate research design and statistical analysis.
C.6. Uses informal and formal methods of teaching appropriate to the patient /client learning abilities.	C5. Present scientific paper efficiently in critical care nursing C6. Write and evaluate the professional report.
C.7. Documents professional judgment, decisions taken and actions implemented	C7. Show ability and willingness to function in a multidisciplinary setting.
C.8. Measures critically the outcomes of nursing activities.	C8. Operate counseling and health education skills for critically ill patients and their families.
C.9. Applies principles and concepts of leadership / management in different health care settings.	C9. Apply nursing education theories in academic field and staff development. C10. Assess and evaluate the current practices in critical care nursing.

<i>General and Transferable Skills</i>	
ARS ILOs	Master Program ILOs
D.1- Works effectively with a team	D.1.Establish and maintain effective interpersonal relationships with critically ill patients, their family and other members of the health care team.
D.2-Manages effectively time, resources and sets priorities.	D6.Demonstrate time management skills.
D.3- Applies communication skills in inter-professional, social, and therapeutic context	D2.Communicate effectively with patients, their families, and other health care staffs.
D.4- Participates in ongoing educational activities related to professional issues	D3.Use information technology in academic and practical fields. D4.Work effectively in an independent manner through self-direction in planning and implementing tasks.
D.5- Use information technology	D5.Disseminate information efficiently both orally and in written form.

مجلس كلية رقم (121) بتاريخ 2013/2/21	مؤتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه واعتماده بمجلس القسم العلمي
د/ هناء حسين	منسق البرنامج
أ.م.د/ ناهد عطيه قنديل	رئيس القسم العلمي

# Courses Specifications

نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر			
Master specialty	الفرقة/المستوى	اسم المقرر الفارماكولوجي الاكلينيكية	الرمز الكودى MSC15
( 2hrs× 32week = 64 hrs)	نظري	عدد الساعات الدراسية	التخصص Master in critical care and emergency nursing
-----	عملي		

This course is intended to provide master students with knowledge related to pharmacological to utilize different forms in management of the critical ill patients..	2- هدف المقرر
3- المستهدف من تدريس المقرر : By the end of the course the candidate will be able to	
A1. Identify the principles of evidence based practice of Medical Pharmacology with nursing. A2. Explain the most appropriate action to resolve different types of diabetes mellitus. A3. Identify the most appropriate methods for drug calculations. A4. List the basic principles of drug administration A5. Discus therapeutic uses and adverse effects of Morphine. A6. List the side effect of commonly used drugs in emergency & critical care unit.	أ- المعلومات والمفاهيم

<p>B1. Use evidence-based research findings in knowing most common drugs used in gastrointestinal emergencies and cardiovascular emergencies.</p> <p>B2. Analyze critically the difference between different routes for fluid administration.</p> <p>B3. Analyze critically the difference between pharmacokinetics and pharmacodynamics.</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر</p>
<p>B4. Utilize critical thinking in nursing education and in provision of most common drugs used in treating respiratory emergencies.</p> <p>B5. Plan for continuous professional development to know common fluid therapy used.</p> <p>B6. Utilize professional decision making in apparent any side effect in any situations.</p> <p>B7. Provide competent care for patients with fluid &amp; electrolyte Imbalances.</p> <p>B8. Interpret the mechanism of interaction of different drugs.</p>	
<p>-----</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>-----</p>	<p>د- المهارات العامة</p>
<p><b>Unit I:</b> Fluid therapy</p> <p><b>Unit II:</b> Cardiovascular emergency drugs</p> <p><b>Unit III:</b> Respiratory emergency drugs</p> <p><b>Unit III :</b> Gastrointestinal system drugs</p>	<p>4- محتوى المقرر</p>
<p>Lectures.</p>	<p>5- أساليب</p>

	التعليم والتعلم
Not applicable	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة
7- تقويم الطلاب	
1- Semester summative evaluation that include: Not applicable	أ- الأساليب المستخدمة
2- Summative final evaluation that includes:	



Final Written exam		
1- Semester summative evaluation ( Not applicable)		ب- التوقيت
2- Final summative evaluation		
Final written exam	By the end of the semester	
1-Semester summative evaluation		ج- توزيع الدرجات
2- Final summative evaluation		
Final written exam	50 marks	
Total	50 (100%)	
8- قائمة الكتب الدراسية والمراجع :		
_____		أ- مذكرات
_____		ب- كتب ملزمة
<ul style="list-style-type: none"> <li>• Constance G Visovsky Introduction to Clinical Pharmacology (9<sup>th</sup> edition) (2019)</li> <li>• Susan M. Ford, Roach's Introductory Clinical Pharmacology(11<sup>th</sup> edition) (2018)</li> </ul>		ج- كتب مقترحة
<ul style="list-style-type: none"> <li>• Nursing pharmacology.info/learning2.htm</li> <li>• www.nursing-books.org/nursing/pharmacology</li> </ul>		د- دوريات علمية أو نشرات الخ

رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

مروه فتح الله

د/ مروه فتح الله

ناهد عطية قنديل

نموذج رقم (111)

University: Mansoura

الجامعة المصرية (Mansoura)

Faculty: Nursing

Code: MSC15

Department: Critical Care and Emergency Nursing

Master

ILOs Matrix for course content

Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E. Attitude
• Fluid therapy	Lectures	Final Written exam	A1, A4,	B2, B3, B5, B7	---	---	---
• Cardiovascular emergency drugs	Lectures	Final Written exam	A6	B1, B6, B8	---	---	---
• Respiratory emergency drugs	Lectures	Final Written exam	A6, A5	B1, B6, B8	---	---	---
• Gastrointestinal system drugs	Lectures	Final Written exam	A6	B1, B6, B8	---	---	---

Teacher course:

Prof. Dr. Mohamed Abd-Elghany

Prof. Dr. Mohamed El-Hadidy

Course coordinator

Dr. Marwa fathalla

Head of Department:

Dr. Nahed Attia Kandeel

*Marwa Fathalla*

*Nahed Kandeel*

نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
Master specialty	الفرقة/المستوى:	اسم المقرر:
Theory 2 X32 weeks= 64	المفاهيم الحديثة في تمرير الحالات الحرجة	MSN 17
	نظري	الساعات
..... عملي		Master in critical and emergency care nursing
		الرمز الكودي
		التخصص

By the end of this course, the students will be to:	
- Acquire knowledge of a variety of teaching and learning strategies appropriate to be applied in the education of critically ill patients and their families.	
- Integrate knowledge in the care of critically ill patients with their families in the critical care setting.	2- هدف المقرر
<b>By the end of the course the candidate will be able to</b>	3- المستهدف من تدريس المقرر:
A1. Identify principles and process of health education.	
A2.Explain application of educational strategies in critical care settings.	
A3. Describe health belief model and its application in critical care settings.	
A4.Explain the components of discharge plan for critically ill patient.	
A5. List tips of planning of health education program.	
A6. Discuss principles of therapeutic communication in critical care settings.	أ- المعلومات والمفاهيم
B1- Design education and programs for critically ill patient with	ب- المهارات



<p>common problems in the critical care settings.</p> <p>B2- Synthesize a range of solutions to solve problems, critically evaluates, and justifies health education and rehabilitation programs for critically ill patients.</p> <p>B3. Design a rehabilitation and restoration program for critically ill patients.</p> <p>B4. Formulate a preventive program for health problem in CCU.</p> <p>B5. Synthesize a communication material to communicate with critically ill patient with different health problem.</p>	<p>الذهنية الخاصة بالمقرر</p>
<p>.....</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>D1. Communicate effectively with collages</p> <p>D2. Use information technology in practice critical care nursing.</p> <p>D3. Use different informational resources.</p> <p>D4. Lead and work effectively in a team</p> <p>D5. Manage time.</p>	<p>د- المهارات العامة</p>
<ul style="list-style-type: none"> <li>▪ Psychological or behavioral responses of critically ill patients and families <ul style="list-style-type: none"> <li>▪ Stress management in critical care unit</li> <li>▪ Sensory deprivation – implications for recovery "delirium in critical care unit"</li> <li>▪ Sleep deprivation – implications for recovery</li> <li>▪ Pain management in critical care unit</li> </ul> </li> <li>• Nursing process applied to critically ill patients.</li> <li>• Ethical and legal issues of critical care nursing</li> <li>• Nutritional support for critically ill patients</li> <li>• Therapeutic communication</li> <li>• Burnout in staff and stress management strategies and</li> </ul>	<p>4- محتوى المقرر</p>

<p>coping strategies</p> <ul style="list-style-type: none"> <li>• Transportation of critically ill patients</li> <li>• Crisis intervention strategies</li> </ul>	
<p>1- Interactive lectures 2-Discussion and brain storming 3-Projects- based learning 4- Small group work</p>	<p>5- أساليب التعليم والتعلم</p>
<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>	<p>6- أساليب التعليم والتعلم للطلاب ذوي القدرات</p>

		المحدودة
		7- تقويم الطلاب
• Witten exam		أ- الأساليب المستخدمة
• Final-Term Examination	33rd week	ب- التوقيت
• Final written exam:	50 grads (100%)	ج- توزيع الدرجات
8- قائمة الكتب الدراسية والمراجع		
• Hand out prepared by students		أ- مذكرات
• _____		ب- كتب ملزمة
• T. Heather Herdman, Shigemi Kamitsuru, Nursing diagnosis hand book, an evidence based guide to planning care. ,(11 <sup>th</sup> edition). (2018)		ج- كتب مقترحة:
• AACN Procedure Manual for High Acuity, Progressive and Critical Care, (7th edition). (2017)		
• Intensive Care Nursing aframe work for practice, Philip woodrow 4th edition , (2019). .		
• WWW. ACCN.com		د- دوريات علمية أو نشرات .. الخ
• www.FBFD.com		
• www.WHO.org		
• www.ed4nurses.com		

رقم (121) بتاريخ 2013/2/21	معمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر	رئيس القسم العلمي
د/ مروه فتح الله صرمة فتح الله	ا.م.د/ ناهد عطية قنديل

نموذج رقم (11)

University: Mansoura

course Title: المفاهيم الحديثة في ترميز الحالات الحرجة

Faculty: Nursing

Code:MSI17

Department: Critical and Emergency Care Nursing

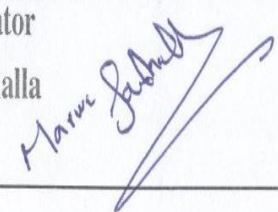
Master specialty

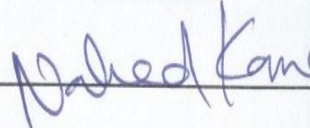
ILOs Matrix for course content

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E. Attitude
<p><b>Psychological or behavioral responses of critically ill patients and families</b></p> <ul style="list-style-type: none"> <li>Stress management in critical care unit</li> <li>Sensory deprivation – implications for recovery "Delirium in critical care unit"</li> <li>Sleep deprivation – implications for recovery</li> <li>Pain management in critical care unit</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lecture</li> <li>Discussion and Brain storming</li> <li>Small group work</li> </ul>	Written exam	A1,A5,A7, A8,A9,A10	B1,B2	..... .....	D1,D5	----
<ul style="list-style-type: none"> <li>Nursing process applied to critically ill patients.</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lecture</li> </ul>	Written exam	A2,A3,A5, A6	B2,B3	.....	D2	---
<ul style="list-style-type: none"> <li>Ethical and legal issues of critical care nursing</li> </ul>	<ul style="list-style-type: none"> <li>Small group work</li> </ul>	Written exam	A4,A6	B3	.....	D2,D3	---

• Nutritional support for critically ill patients	• Projects-based learning	Witten exam	A1,	B4,B5	.....	D3	---
• Therapeutic communication	• Interactive Lecture	Witten exam	A1,A3	B6	.....	D1	---
• Burnout in staff and stress management strategies and Coping strategies	• Interactive Lecture	Witten exam	A3,A4	B1	.....	D4,D5	---
• Transportation of critically ill patients	• Discussion and Brain storming	Witten exam	A1	B1	.....	D3,D4	----
• Crisis intervention strategies	• Discussion and Brain storming	Witten exam	A1,A2,A3	B1,B3	.....	D5	----

Teacher course  
 Assist. Prof. Dr. Nahed Attia Kandeel  
 Dr. Hala Ahmed Abd El Rahman

Course coordinator  
 Dr. Marwa Fathalla  


Head of Department  
 Assist. Prof. Dr. Nahed Attia Kandeel  




نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
Master specialist	الفرقة/المستوى	اسم المقرر باثوفسيولوجي
( 2hrs× 32week = 64 hrs )	نظري	عدد الساعات الدراسية
-----	عملي	التخصص
		Master specialty in critical care and emergency nursing

This course aims to equip master students with knowledge and skills related to pathophysiology to integrate the pathophysiology of critical illness into nursing assessment of patients with life threatening conditions.	2- هدف المقرر
3- المستهدف من تدريس المقرر : By the end of the course the candidate will be able to	
A1. Identify appropriate knowledge of pathophysiology required make professional judgment on professional nursing practice. A2. List the principles of general and specific pathological conditions. A3. Identify physiology of respiration. A4. Discuss the cycle of cardiac output. A5. Describe circulation cycle. A6. Explain the pathophysiology of fever.	أ- المعلومات والمفاهيم

A7.Enumerate function and mechanism of different body systems.	
<p>B1- Differentiate between alteration in body system.</p> <p>B2.Differentiate between systolic and diastolic blood pressure.</p> <p>B3.Analyze the different types of CNS transmission neurons.</p> <p>B4.Apply effective problem solving and decision making techniques in critical care settings.</p> <p>B5. Recognize different preventive measures for blood transfusion interaction.</p> <p>B6. Detect management measures for fever controlling.</p> <p>B7. Differentiate the implications and indications of specific pathological conditions.</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر</p>
<p>-----</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>-----</p>	<p>د- المهارات العامة</p>
<p><b>Unit I:</b></p> <ul style="list-style-type: none"> <li>- Cardiac circulation</li> <li>- Blood pressure</li> </ul> <p><b>Unit II:</b></p> <ul style="list-style-type: none"> <li>- Fever</li> <li>- Endocrine system</li> </ul> <p><b>Unit III</b></p> <ul style="list-style-type: none"> <li>- Respiration</li> <li>- Hypoxia</li> </ul>	<p>4- محتوى المقرر</p>
Lectures	<p>5- أساليب التعليم والتعلم</p>

Not applicable	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة
7- تقويم الطلاب	
1- Semester summative evaluation that include: Not applicable	أ- الأساليب المستخدمة
2- Summative final evaluation that includes: Final written exam	
1- Semester summative evaluation ( Not applicable)	ب- التوقيت

2- Final summative evaluation		
Final written exam	By the end of the semester	
1-Semester summative evaluation(Not applicable)		
2- Final summative evaluation		ج- توزيع الدرجات
Final Written exam	50 marks	
Total	50 (100%)	
8- قائمة الكتب الدراسية والمراجع		
_____		أ- مذكرات
_____		ب- كتب ملزمة
<ul style="list-style-type: none"> <li>Indu Khurana / Arushi Khurana Textbook Of Anatomy And Physiology For nurses.( 2<sup>nd</sup> edition) . (2018)</li> <li>A K Jain, Anatomy and Physiology for Nursing. ( 4th edition) (2018)</li> </ul>		ج- كتب مقترحه
<ul style="list-style-type: none"> <li>www.lww.com/nursing/practicingNurse/medsurg.html</li> <li>nursingcrib.com/tag/pathophysiology</li> </ul>		د- دوريات علمية أو نشرات .. الخ

رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله صروة فخر الله	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

نموذج رقم (11أ)

University: Mansoura

Course Title: باثوفسيولوجي

Faculty: Nursing

Code: Nurs. / MSP12

Department: Critical Care and Emergency Nursing

Master specialty

### ILOs Matrix

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E .Attitude
• Cardiac circulation	Lectures	Final Written exam	A1, A4, A5	B2	----	----	----
• Blood pressure	Lectures	Final Written exam	A1,A2,A4	B2	----	----	----
• Fever	Lectures	Final Written exam	A6	B6	----	----	----
• CNS transmission	Lectures	Final Written exam	A1,A2	B2,B7	----	----	----
• Respiration	Lectures	Final Written exam	A1,A3	B4,B7	----	----	----
• Blood transfusion	Lectures	Final Written exam	A1,A2,A7	B5,B7	----	----	----
Teacher course Prof. Dr. Hanaa Abd El- Monem	Course coordinator Dr.Marwa Fthalla		Head of Department Prof. Dr. Nahed Attia Kandeel				



نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
الرمز الكودي	اسم المقرر:	الفرقة/المستوى:
MSB14	بكتريولوجي	Master
التخصص	عدد الساعات الدراسية:	( 2hrs× 32week = 64 hrs)
Master in critical care and emergency nursing	نظري عملي	-----

2- هدف المقرر	This course is intended to provide the master students with knowledge related to specific microbiology necessary to deal with critically ill patients.
3- المستهدف من تدريس المقرر:	By the end of the course the candidate will be able to
أ- المعلومات والمفاهيم	A1- Identify appropriate knowledge of general bacteriology. A2. Discuss antimicrobial agents. A3. Identify the microbial genetics. A4. List the different immune systems. A5. Discuss practical microbiology. A6. Explain causative organisms and diagnosis of a case of meningitis.
ب- المهارات الذهنية الخاصة بالمقرر	B1- Differentiate among antimicrobial agents. B2.Utilize the diagnostic procedures for determining the microbial agents. B3. Analyze the different types of viruses. B4.Follow clinical mycology to determine antimicrobial treatment.

B5. Recognize different preventive measures for nosocomial infection.	
-----	ج- المهارات المهنية الخاصة بالمقرر
-----	د- المهارات العامة
<b>Unit I:</b> <ul style="list-style-type: none"> <li>- Hand washing</li> <li>- Infection control in ICU</li> <li>- Prophylaxis for a case of HBV infection</li> </ul> <b>Unit II:</b> <ul style="list-style-type: none"> <li>- Prophylaxis for a case of anthrax</li> <li>- Causative organisms and diagnosis of a case of meningitis</li> <li>- General bacteriology</li> </ul> <b>Unit III</b> <ul style="list-style-type: none"> <li>- Antimicrobial agents</li> <li>- Immunology</li> <li>- Clinical mycology</li> </ul>	4- محتوى المقرر
<ul style="list-style-type: none"> <li>• Lectures</li> </ul>	5- أساليب التعليم والتعلم
<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة
	7- تقويم الطلاب
1- Semester summative evaluation that include: Not applicable 2- Summative final evaluation that includes:	أ- الأساليب المستخدمة

Final Written exam		
1- Semester summative evaluation ( Not applicable)		ب- التوقيت
2- Final summative evaluation		
Final Written exam	By the end of the semester	
1-Semester summative evaluation(Not applicable)		ج- توزيع الدرجات
2- Final summative evaluation		



Final Written exam	50 marks	
Total	50 (100%)	
8- قائمة الكتب الدراسية والمراجع		
_____		أ- مذكرات
_____		ب- كتب ملزمة
• Satish Jupty, Medical Microbiology For Nurses. (2 <sup>nd</sup> edition). (2018)		ج- كتب مقترحة
• <a href="http://www.mahlo.com/microbiology">www.mahlo.com/microbiology</a>		د- دوريات علمية أو نشرات .. الخ

رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله حرمه نسيه	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل أ.م.د/ ناهد عطية قنديل

University: Mansoura

Course Title: بكتريولوجي

Faculty: Nursing

Code: MSB14

Department: Critical care and Emergency Nursing

Master

### ILOs Matrix for course content

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E. Attitude
• Hand washing	Lectures	Written exam	A8	B5	-----	D1-D3	-----
• Infection control in ICU	Lectures	Written exam	A4	B2, B5, B7, B8	-----	D1-D3	-----
• prophylaxis for a case of HBV infection	Lectures	Written exam	A3, A4, A6, A7	B3, B6	-----	D1-D3	-----
• prophylaxis for a case of anthrax	Lectures	Written exam	A1, A2, A6, A7	B3, B8	-----	D1-D3	-----
• causative organisms and diagnosis of a case of meningitis	Lectures	Written exam	A1, A6, A7	B2, B3	-----	D1-D3	-----
• antimicrobial agents	Lectures	Written exam	A1, A3	B1, B2	-----	D1-D2	-----
• general bacteriology	Lectures	Written exam	A5, A9	B1, B2, B7	-----	D1-D2	-----
• immunology	Lectures	Written exam	A4	B1, B2, B9	-----	D1	-----
• clinical mycology	Lectures	Written exam	A5, A6	B2, B4, B8	-----	D2	-----
Teacher course Prof. Dr. Safaa Metwally		Course coordinator Dr. Marwa Fathalla		Head of Department Prof. Dr. Nahed Attia Kandeel			

نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
الفرقة/المستوى: Master specialty	تشرح	اسم المقرر: MSA13
( 2hrs× 32week = 64 hrs) -----	نظري  عملي	عدد الساعات الدراسية: Master in critical care and emergency nursing

This course aims to equip master critical care nursing students with knowledge and skills related to specific Human Anatomy	2- هدف المقرر
<b>By the end of the course the candidate will be able to</b>	3- المستهدف من تدريس المقرر:
A1- Describe appropriate knowledge of systemic anatomy. required to make professional judgment in on professional nursing practice. A2. Discuss body system anatomy, its disorders and nursing management. A3.Explain the different stages of human development evolution and growth. A4. Identify the anatomical planes of the body. A5. Identify the types of joints and its sites. A6. State the appendages of the skin.	أ- المعلومات والمفاهيم
B1- Differentiate between large and small intestines. B2. Differentiate between right and left lung. B3. Utilize the planes of the body to determine the anatomical position.	ب- المهارات الذهنية الخاصة بالمقرر



<p>B4. Detect the organs of special senses.</p> <p>B5. Differentiate between the types of bones and its sites.</p> <p>B6. Recognize anatomical positions which determine positions of body system.</p> <p>B7. State respiratory system functions.</p> <p>B8. Discuss different anatomical terms</p>	
<p>-----</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>-----</p>	<p>د- المهارات العامة</p>
<p><b>Unit I:</b></p> <ul style="list-style-type: none"> <li>- Anatomical positions</li> <li>- Planes of the body</li> <li>- Anatomical terms</li> <li>- Body systems</li> <li>- Integumentary system</li> <li>- Appendages of the skin</li> </ul> <p><b>Unit II:</b></p> <ul style="list-style-type: none"> <li>- locomotors system</li> <li>- Bones</li> <li>- Joints</li> <li>- Skeletal muscles</li> <li>- Digestive system</li> <li>- Respiratory system</li> <li>- Urinary system</li> </ul> <p><b>Unit III</b></p> <ul style="list-style-type: none"> <li>- Reproductive system</li> <li>- Cardiovascular system</li> <li>- lymphatic system</li> <li>- Nervous system</li> <li>- Endocrine system</li> </ul>	<p>4- محتوى المقرر</p>

- Organ of special senses	
• Lectures	5- أساليب التعليم والتعلم
• Not applicable	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة
	7- تقويم الطلاب

1- Semester summative evaluation that include: Not applicable	أ- الأساليب المستخدمة
2- Summative final evaluation that includes: Final Written exam	
1- Semester summative evaluation ( Not applicable)	ب- التوقيت
2- Final summative evaluation Final Written exam	
	By the end of the semester
1-Semester summative evaluation(Not applicable)	ج- توزيع الدرجات
2- Final summative evaluation Final Written exam	
Total	
	50 marks
	50 (100%)
8- قائمة الكتب الدراسية والمراجع	
_____	أ- مذكرات
_____	ب- كتب ملزمة
<ul style="list-style-type: none"> <li>• Frank H. Netter, Atlas of Human Anatomy. (7th dition) . (2018)</li> <li>• McGraw, TextBook of Human Anatomy. (5th edition) . (2018)</li> <li>• Intensive Care Nursing aframe work for practice, Philip woodrow 4th edition , (2019).</li> </ul>	ج- كتب مقترحه:
<ul style="list-style-type: none"> <li>• www.rtstudents.com/rnstudents/rn- anatomy.htm</li> <li>• www.coolnurse.com/anatomy.htm</li> </ul>	د- دوريات علمية أو نشرات .. الخ

رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله	رئيس القسم العلمي أ.م.د/ ناهد عطية قنديل

نموذج رقم (11أ)

University: Mansoura

Course Title: تشريح

Faculty: Nursing

Code: MSA13

Department: Critical care and emergency nursing

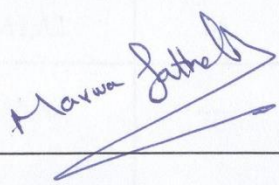
**ILOs Matrix for course content**

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E .Attitude
• Anatomical positions	Lectures	Final Written exam	A1,A2,A3, A4, A5,A6	B2	----	----	----
• Planes of the body	Lectures	Final Written exam	A1,A4	B5	----	----	----
• Anatomical terms	Lectures	Final Written exam	A1,A6	B6,B8	----	----	----
• Body systems	Lectures	Final Written exam	A1,A2	B6	----	----	----
• Integumentary system	Lectures	Final Written exam	A6,A3	----	----	----	----
• Appendages of the skin	Lectures	Final Written exam	A6	----	----	----	----
• locomotors system	Lectures	Final Written exam	A1	B4	----	----	----
• Bones	Lectures	Final Written exam	A3,A4,A5	B5	----	----	----
• Joints	Lectures	Final Written exam	A5	B5	----	----	----
• Skeletal muscles	Lectures	Final Written exam	A5	B5	----	----	----

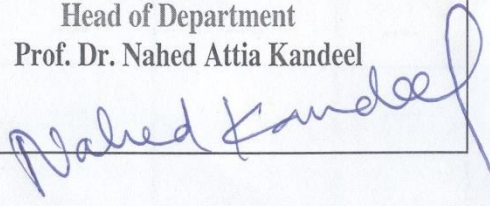
• Digestive system	Lectures	Final Written exam	A1,A2,A4	B1,B3,B7	----	----	----
• Respiratory system	Lectures	Final Written exam	A2,A4	B2,B7,B8	----	----	----
• Urinary system	Lectures	Final Written exam	A1	----	----	----	----
• Reproductive system	Lectures	Final Written exam	A1	----	----	----	----
• Cardiovascular system	Lectures	Final Written exam	A1	----	----	----	----
• lymphatic system	Lectures	Final Written exam	A1	----	----	----	----
• Nervous system	Lectures	Final Written exam	A1	----	----	----	----
• Endocrine system	Lectures	Final Written exam	A1,A2	----	----	----	----
• Organ of special senses	Lectures	Final Written exam	A1,A2	----	----	----	----

Teacher course  
Prof. Dr. Kamal Gabra Botros

Course coordinator  
Dr. Marwa Fathalla



Head of Department  
Prof. Dr. Nahed Attia Kandeel





نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
الرمز الكودي	اسم المقرر	تطبيقات التثقيف الصحي
MSA16	اسم المقرر	الفرقة/المستوى:
التخصص	عدد الساعات الدراسية:	الفرقة/المستوى:
Master in. critical care and emergency nursing	نظري	Theory 2 X32 weeks= 64
	عملي	.....

By the end of this course, the students will be to: - Acquire knowledge of a variety of teaching and learning strategies appropriate to be applied in the education of critically ill patients and their families. - Integrate knowledge in the care of critically ill patients with their families in the critical care setting.	2- هدف المقرر
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------

3- المستهدف من تدريس المقرر: By the end of the course the candidate will be able to

A1. Identify principles and process of health education. A2. Explain application of educational strategies in critical care settings. A3. Describe health belief model and its application in critical care settings. A4. Explain the components of discharge plan for critically ill patient. A5. List tips of planning of health education program. A6. Discuss principles of therapeutic communication in critical care settings.	أ- المعلومات والمفاهيم
B1- Design education and programs for critically ill patient with common problems in the critical care settings. B2- Synthesize a range of solutions to solve problems, critically evaluates, and justifies health education and rehabilitation	ب- المهارات الذهنية الخاصة بالمقرر

<p>programs for critically ill patients.</p> <p>B3. Design a rehabilitation and restoration program for critically ill patients.</p> <p>B4. Formulate a preventive program for health problem in CCU.</p> <p>B5. Synthesize a communication material to communicate with critically ill patient with different health problem.</p>	
<p>.....</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>D1. Communicate effectively with collages.</p> <p>D2. Use information technology in practice critical care nursing.</p> <p>D3. Use different informational resources.</p> <p>D4. Lead and work effectively in a team.</p> <p>D5. Manage time.</p>	<p>د- المهارات العامة</p>
<ol style="list-style-type: none"> <li>1. Principles and process of health education</li> <li>2. Educational psychology</li> <li>3. Application of educational strategies in critical care nursing</li> <li>4. Application of health belief model</li> <li>5. Development of rehabilitation and restoration program in critical care nursing</li> <li>6. Health education models</li> <li>7. Development of preventive program for health problem in critical care nursing</li> <li>8. Development discharge plan for critically ill patient</li> <li>9. Tips of planning of health education program</li> <li>10. Developing patient education tools</li> <li>11. Principle of therapeutic communication</li> <li>12. Communication of critically ill patient with different health problem.</li> </ol>	<p>4- محتوى المقرر</p>
<p>1- Interactive lectures</p>	<p>5- أساليب التعليم</p>

2-Discussion and brain storming 3-Projects- based learning 4- Small group work	والتعلم
<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>	6- أساليب التعليم والتعلم

	للطلاب ذوي القدرات المحدودة
	7- تقويم الطلاب
• Witten exam	أ- الأساليب المستخدمة:
• Final-Term Examination 33rd week	ب- التوقيت:
• Final written exam: 50 grads (100%)	ج- توزيع الدرجات:
	8- قائمة الكتب الدراسية والمراجع :
• Hand out prepared by students	أ- مذكرات
• _____	ب- كتب ملزمة
• American Association of Critical Care Nurses, AACN Procedure Manual for Critical Care , 7th edition ,Elsevier Saunders; 2015	ج- كتب مقترحة
• Patricia Gonce Morton , Dorrie K. Fontaine etal Critical care nursing : Aholistic approach. 11th Edition. Lippincott Williams & Wilkins (2018)	
• Health Education's site: <a href="http://www.cnheo.org/">http://www.cnheo.org/</a>	د- دوريات علمية أو نشرات .. الخ
• WWW. ACCN.com	
• www.FBFD.com	
• <a href="http://www.WHO.org">www.WHO.org</a>	
• www.ed4nurses.com	

رقم (121) بتاريخ 2013/2/21	معتد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

ناهد عطية قنديل

3

نموذج رقم (11أ)

University: Mansoura

Course Title: تطبيقات التثقيف الصحي

Faculty: Nursing

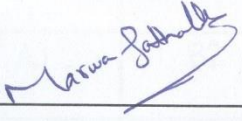
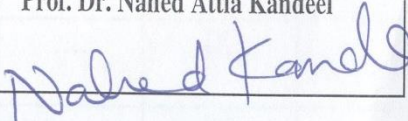
Code: MSA16

Department: Critical and Emergency Nursing Department

Master

ILOs Matrix for course content

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E .Attitude
<ul style="list-style-type: none"> <li>Principles and process of health education</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lectures</li> <li>Projects-based learning</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A1,A2	B1	.....	D2	.....
<ul style="list-style-type: none"> <li>Educational psychology</li> </ul>	<ul style="list-style-type: none"> <li>Discussion and Brain storming</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A4	B1	.....	D1	.....
<ul style="list-style-type: none"> <li>Application of educational strategies in Critical Care Nursing</li> </ul>	<ul style="list-style-type: none"> <li>Small group work</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A2	B1,B2	.....	D2,D3	.....
<ul style="list-style-type: none"> <li>Application of health belief model</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lectures</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A3	B2	.....	D2	.....
<ul style="list-style-type: none"> <li>Development of rehabilitation and restoration program in Critical Care Nursing</li> </ul>	<ul style="list-style-type: none"> <li>Discussion and Brain storming</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A4	B2,B3	.....	D2	.....
<ul style="list-style-type: none"> <li>Health education models</li> </ul>	<ul style="list-style-type: none"> <li>Small group work</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A1,A2,A3	B1	.....	D1,D4	.....
<ul style="list-style-type: none"> <li>Development of preventive program</li> </ul>	<ul style="list-style-type: none"> <li>Discussion and Brain storming</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A4	B4	.....	D3,D4	.....
<ul style="list-style-type: none"> <li>Development discharge plan for critically ill</li> </ul>	<ul style="list-style-type: none"> <li>Small group work</li> </ul>	<ul style="list-style-type: none"> <li>Witten exam</li> </ul>	A4	B3	.....	D2,D4	.....

for health problem in Critical Care Nursing							
• Development discharge plan for critically ill patient	• Small group work	• Witten exam	A4	B3	.....	D2,D4	.....
• Tips of planning of health education program	• Interactive Lectures	• Witten exam	A1,A2,A5	B3	.....	D4,D5	.....
• Developing patient education tools	• Interactive Lectures • Discussion and Brain storming	• Witten exam	A1,A2,A5	B4	.....	D2	.....
• Principle of therapeutic communication	• Small group work	• Witten exam	A6	B5	.....	D1,D5	.....
• Communication of critically ill patient with different health problem	• Interactive Lectures	• Witten exam	A6	B5	.....	D1	.....
Teacher course Dr. Asmaa Ibrahim Dr. Marwa Fatthall	Course coordinator Dr. Marwa Fathalla 		Head of Department Prof. Dr. Nahed Attia Kandeel 				



نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
Master specialty	الفرقة/المستوى:	اسم المقرر:
Theory 3 X32 weeks= 96	نظري	عدد الساعات الدراسية:
18x 32 weeks =576	عملي	الرمز الكودي:
		التخصص:
		MSC9
		Master in critical care and emergency nursing

Critical care nursing course aims to:

- Provide post graduate nursing students with advanced skills in critical care sciences that enable them to conduct researches, practice educational skills and deal efficiently with critically ill patients.
- Provide an advanced educational experience which will develop the student's intellectual and imaginative abilities in order to facilitate the development of independent judgment and problem solving skills.

2- هدف المقرر

By the end of the course the candidate will be able to: 3- المستهدف من تدريس المقرر

- A1- Discuss theories & basics of critical care nursing.
- A2. Identify the care for the patient with multiple injuries in critical setting.
- A3. Restate the basic component of informed consent for patient undergoing surgery and invasive procedure.
- A4. List the most appropriate actions to solve different problems of patients with acute cardiovascular disorders in cardiac critical unit.
- A5. Mention the most common causes of gastrointestinal bleeding.
- A6. Discuss the basic principles for dealing with mechanically ventilated patient.
- A7. Enumerate the principles of communication for critically ill

أ- المعلومات  
والمفاهيم

<p>patient.</p> <p>A8. Identify the ethical consideration in dealing with critically patient</p>	
<p>B1- Integrate the pathophysiology of critical illness into nursing assessment and management of patients with life threatening conditions.</p> <p>B2- Analyze critical research problem that incorporates the research findings in the advanced practice role.</p> <p>B3- Design a plan performance development in critical care nursing.</p> <p>B4- Carry out problems solving technique to solve problem recent in ICU.</p> <p>B5- Synthesize decision making techniques for critical care problems.</p> <p>B6. Design a rehabilitation schedule for critically ill patients.</p> <p>B7. Synthesize a communication schedule for unconscious patients.</p> <p>B8. describe technological communication methods to interaction with patient suffering from impaired in verbal communication.</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر</p>
<p>C1- Take professional decisions in different professional situations in critical care settings.</p> <p>C2- Provide basics nursing practice related to families and individuals in the critical care settings.</p> <p>C3- Write an accurate standardized professional report in critical care settings.</p> <p>C4- Evaluate the current practices in critical care nursing.</p> <p>C5- Demonstrate effective skills in dealing with advanced technologies in critical care settings.</p> <p>C6- Demonstrate effective skills in interpretation of ECG strips.</p> <p>C7- Demonstrate effective skills in dealing with advanced technologies in critical care settings.</p> <p>C8. Provide competent care for patients with multiple trauma.</p> <p>C9. Apply protocols of caring of critically ill patient based on his needs.</p> <p>C10. Evaluate self peer report.</p> <p>C11. Relate the in service training program to nursing education theories.</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>



<p>D1-Communicate effectively with health staff.</p> <p>D2.Use information technology in critical care nursing.</p> <p>D3-Use different informational resources to provide comprehensive preventive, curative, and rehabilitative health care in critical care settings.</p> <p>D4- work effectively in a team.</p> <p>D5- Manage time effectively in critical care settings.</p>	<p>د- المهارات العامة</p>
<p>D6- Assess self &amp; continues learning.</p> <p>D7. Act as a role model mentor to students and health care providers.</p> <p>D8. Appraise risks and safety aspects that may be involved in performing clinical practice in ICU.</p> <p>D9-Use different resources for collecting information &amp; knowledge.</p>	
<ul style="list-style-type: none"> <li>• Nursing management of patient with acute cardiovascular disorders</li> <li>• Hemodynamic monitoring</li> <li>• Cardiac catheterization</li> <li>• Open heart surgery</li> <li>• Fluid and electrolyte balance</li> <li>• Nursing management of patient with acute respiratory disorders</li> <li>• Acute respiratory failure</li> <li>• Acute kidney injury</li> <li>• Nursing management of mechanically ventilated patient</li> <li>• Acid base balance</li> <li>• Nursing management of patient with acute gastrointestinal disorders</li> <li>• Nursing management of patient with multiple trauma</li> <li>• Nursing management of patient with endocrine emergencies</li> <li>• Nursing management of patient with neurovascular emergencies</li> </ul>	<p>4- محتوى المقرر</p>
<p>1- Interactive lectures</p> <p>2-Fiscussion and brain storming</p> <p>3-Projects- based learning</p> <p>4- Case study</p> <p>5- Clinical training</p>	<p>5- أساليب التعليم والتعلم</p>

Not applicable	6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة
7- تقويم الطلاب	
<ol style="list-style-type: none"> <li>1. Semester activities and practical exam</li> <li>2. Final-term examination</li> <li>3. Oral exam</li> </ol>	أ- الأساليب المستخدمة

<ul style="list-style-type: none"> <li>Semester activities: 4<sup>th</sup>, 8<sup>th</sup>, 16<sup>th</sup>, 24<sup>th</sup> weeks</li> <li>practical exam 30<sup>th</sup> week</li> <li>Final-Term Examination, 33<sup>th</sup> week</li> <li>Oral exam 34<sup>th</sup> week</li> </ul>	ب- التوقيت												
<table> <tr> <td>Final written exam</td> <td>200 grads</td> <td>(67 %)</td> </tr> <tr> <td>Oral exam</td> <td>40 grads</td> <td>(13 %)</td> </tr> <tr> <td>Semester work examination</td> <td>60 grads</td> <td>(20%)</td> </tr> <tr> <td>Total:</td> <td>300 grads</td> <td>(100%)</td> </tr> </table>	Final written exam	200 grads	(67 %)	Oral exam	40 grads	(13 %)	Semester work examination	60 grads	(20%)	Total:	300 grads	(100%)	توزيع الدرجات
Final written exam	200 grads	(67 %)											
Oral exam	40 grads	(13 %)											
Semester work examination	60 grads	(20%)											
Total:	300 grads	(100%)											
8- قائمة الكتب الدراسية والمراجع													
Hand out prepared by students	أ- مذكرات												
	ب- كتب ملزمة												
<ul style="list-style-type: none"> <li>American Association of Critical Care Nurses, AACN Procedure Manual for Critical Care , 7th edition ,Elsevier Saunders; 2015</li> <li>Patricia Gonce Morton , Dorrie K. Fontaine etal Critical care nursing : Aholistic approach. 11<sup>th</sup> Edition. Lippincott Williams &amp; Wilkins (2018)</li> <li>Amanual for Intensive Care. (2017).</li> <li>Intensive Care Nursing aframe work for practice, Philip woodrow 4th edition , (2019).</li> </ul>	ج- كتب مقترحة												
<a href="http://www.AJN.com">www. AJN .com</a> <a href="http://www.BJN.com">www. BJN.com</a> <a href="http://www.ACCN.com">www. ACCN.com</a> <a href="http://www.FBFD.com">www.FBFD.com</a> <a href="http://www.ChestJournal.com">www.ChestJournal.com</a> <a href="http://www.WHO.org">www.WHO.org</a> <a href="http://www.ed4nurses.com">www.ed4nurses.com</a>	د- دوريات علمية أو نشرات .. الخ												

رقم (121) بتاريخ 2013/2/21	معتد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

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## نموذج رقم (11أ)

University: Mansoura

Course Title: : تمريض الحالات الحرجة

Faculty: Nursing

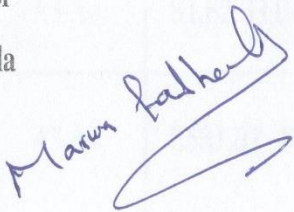
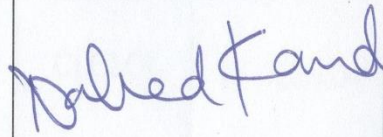
Code: MSC9

Department: Critical Care and Emergency Nursing

Master specialty

### ILOs Matrix for course content

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills
• Hemodynamic monitoring	• Interactive Lectures • Case study	• Written exam • Oral exam	A1,A3, A4,	B1,B2, B3, B4	C1,C3,C4,C6	D1,D3,D4,D5
▪ Cardiac Catheterization	• Interactive	• Written exam • Oral exam	A3-A4	B1,B2,B3,B6	C2,C3,C4	D1,D2,D3,D4
• Open Heart Surgery	• Discussion • Brain storming	• Semester activities • Written exam • Oral exam	A3,A4	B5B1,B2 , B6	C1,C2,C4	D1,D2,D3,D4
▪ Fluid and electrolyte balance	• Interactive Lectures	• Semester activities • Written exam • Oral exam	A1,A3,A4,	B1,B2,B3	C1,C3,C4	D1,D3,D5
○ Acute Respiratory Failure	• Interactive Lectures • Case study	• Semester activities • Written exam • Oral exam	A1,A6	B1,B2,B3,B6	C3,C4.C9	D1,D2,D3,D4,D5
○ Nursing management of mechanically ventilated patient	• Interactive Lectures	• Semester activities • Written exam • Oral exam	A7,A3,A6	B1,B2,B3,B7.B8	C1,C3,C4,C5	D1,D2,D3,D4
○ Acid Base Balance	• Interactive Lectures	• Written exam • Oral exam	A1,A6,	B1,B2,B3	C1,C3,C4	D1,D3,D5.D10

<ul style="list-style-type: none"> <li>Nursing management of patient with Acute Gastrointestinal disorders</li> </ul>	<ul style="list-style-type: none"> <li>Discussion</li> <li>Brain storming</li> </ul>	<ul style="list-style-type: none"> <li>Semester activities</li> <li>Written exam</li> <li>Oral exam</li> </ul>	A1,, ,A5	B1,B2,B3	C3,C4.C10	D1,D3,D7,D8
<ul style="list-style-type: none"> <li>Nursing management of patient with Multiple Trauma</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lectures</li> </ul>	<ul style="list-style-type: none"> <li>Semester activities</li> <li>Written exam</li> <li>Oral exam</li> </ul>	A1,A2,A3	B1,B2,B3,B6	C1,C3,C4,C7	D1,D3,D4,D5,D 7
<ul style="list-style-type: none"> <li>Nursing management of patient with Endocrine emergencies</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lectures</li> <li>Projects- based learning</li> </ul>	<ul style="list-style-type: none"> <li>Semester activities</li> <li>Written exam</li> <li>Oral exam</li> </ul>	A1 A7,	B1,B2,B3	C3,C4.C11	D1,D2,D3,D8
<ul style="list-style-type: none"> <li>Nursing management of patient with Neurovascular Emergencies</li> </ul>	<ul style="list-style-type: none"> <li>Interactive Lectures</li> <li>Case study</li> </ul>	<ul style="list-style-type: none"> <li>Semester activities</li> <li>Written exam</li> <li>Oral exam</li> </ul>	A1,A8	B1,B2,B3,B7.B 8	C3,C4.C11	D1,D2,D3,D5,D 7
<b>Teacher course</b> Assist. Prof. Dr. Nahed Attia Kandeel Dr. Hanaa Hussien El-Sayed Dr. Wafaa Wahdan		<b>Course coordinator</b> Dr. marwa Fathalla 		<b>Head of Department</b> Prof. Dr. Nahed Attia Kandeel 		

نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
الفرقة/المستوى:	اسم المقرر:	الرمز الكودي:
Master specialty	حلقات نقاشية في مجال التخصص	MSS10
Theory 2 X32 weeks= 64	نظري عدد الساعات الدراسية: عملي	Master in critical care and emergency nursing التخصص:
—		

By the end of this course, the students will be able to: Understanding and correlate the general and specifics concepts of critical care nursing and related science.	2- هدف المقرر
3- المستهدف من تدريس المقرر : By the end of the course the candidate will be able to	
A1. Clarify complex acid-base disorders. A3. Describe the emergency management model. A4. State the causes of mass casualty incident / disaster. A5. Recognize the components of a successful response to a mass casualty incident. A6. Describe the elements to consider for disaster recovery. A7. Identify different aspect of care for fluid & electrolyte imbalance.	أ- المعلومات والمفاهيم
B1. Formulate the nursing care plan for the patients undergoing cardiac surgery. B2. Correlate different scientific knowledge to solve professional problems.	ب- المهارات الذهنية الخاصة بالمقرر



<p>B3. Explain the value of conducting disaster drills.</p> <p>B4. Interpret the results of non invasive and invasive monitoring.</p> <p>B5. Differentiate between emergency and a disaster.</p> <p>B6. Apply effective problem solving and decision making techniques critical care settings.</p> <p>B7. Formulate the nursing care for the patients with stroke.</p> <p>B8. Design a plan of care for patient with abdominal compartment syndrome</p>	
<p>C1. Apply preoperative and post operative care for patient with cardiac surgery.</p> <p>C2. Apply nursing care for patient with abdominal compartment syndrome.</p> <p>C3. Analyse different acid base imbalances.</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>D1- Communicate effectively.</p> <p>D2- Use information technology in practice critical care nursing.</p> <p>D3- Lead and work effectively in a team.</p> <p>D4- Manage time effectively.</p>	<p>د- المهارات العامة</p>
<ul style="list-style-type: none"> <li>• Fluid &amp; electrolyte imbalance</li> <li>• Acid base balance</li> <li>• Clinical pathway</li> <li>• Care bundle in critical care setting</li> <li>• Concept map</li> <li>• Evidence based practice in critical care nursing</li> <li>• Emergency preparedness &amp; disaster management</li> <li>• Nursing informatics</li> <li>• Problem based learning</li> </ul>	<p>4- محتوى المقرر</p>
<p>1- Interactive lectures</p> <p>2- Discussion and brain storming</p> <p>3- Project- based learning</p>	<p>5- أساليب التعليم والتعلم</p>
<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>	<p>6- أساليب</p>



	التعليم والتعلم للطلاب ذوي القدرات المحدودة
7- تقويم الطلاب	
<b>Witten exam</b>	أ- الأساليب المستخدمة
• Final-term examination      33rd week	ب- التوقيت
• Final written exam              50 grads                      (100%)	
8- قائمة الكتب الدراسية والمراجع	
• Hand out prepared by students	أ- مذكرات

	ب- كتب ملزمة:
<ul style="list-style-type: none"> <li>American Association of Critical Care Nurses, AACN Procedure Manual for Critical Care , 7th edition ,Elsevier Saunders; 2015</li> <li>Patricia Gonce Morton , Dorrie K. Fontaine etal Critical care nursing : Aholistic approach. 11<sup>th</sup> Edition. Lippincott Williams &amp; Wilkins (2018)</li> <li>Mortoon, Amanual for Intensive Care. (2<sup>nd</sup> edition) .(2017).</li> <li>Vicki S. Good Peggy L. Kirkwood, Advanced Critical Care Nursing, (2nd edition). (2017)</li> </ul>	ج- كتب مقترحة:
<ul style="list-style-type: none"> <li>www. AJN .com</li> <li>www. BJN.com</li> <li>www. ACCN.com</li> <li>www.FBFD.com</li> <li>www.ChestJournal.com</li> <li>www.WHO.org</li> </ul>	د- دوريات علمية أو نشرات .. الخ

رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله مروه نزاله	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

نموذج رقم (11)

University: Mansoura

Course Title: حلقات نقاشية في مجال التخصص

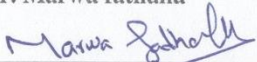
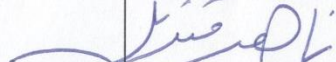
Faculty: Nursing

Code: MSS10

Department: Critical Care and Emergency Nursing

Master

### ILOs Matrix for course content

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E .Attitude
• Fluid & Electrolyte imbalance	• Interactive Lectures	Witten exam	-----	-----	B2,B6	A1,A7	-----
• Acid Base Balance	• Discussion • Brain storming	Witten exam	-----	C3	B2,B6	A1	-----
• Stroke	• Projects- based learning	Witten exam	-----	-----	B7 B2,B6	-----	-----
• Cardiac Surgery	• Projects- based learning	Witten exam	-----	C1	B1. B2,B6	-----	-----
• Pulmonary embolism	• Projects- based learning	Witten exam	-----	-----	B2,B6	-----	-----
• Crash Cart & Emergency Drugs	• Projects- based learning	Witten exam	-----	-----	B2,B6	-----	-----
• Emergency Preparednes & Disaster Management	• Projects- based learning	Witten exam	D3, D4		B2,B3,B5, B6, B11, B12	A3,A4,A5	D3, D4
• Abdominal Compartment Syndrome	• Interactive Lectures	Witten exam	-----	C2	B8 B2,B6	-----	-----
Teacher course Dr. Hanaa Hussien El-Sayed Dr. Hend El- Sayed		Course coordinator Dr. Marwa fathalla 			Head of Department Prof. Dr. Nahed Attia Kandeel 		

نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر			
الرمز الكودى	اسم المقرر	الفرقة/المستوى	Master specialty
MSC11	طب الحالات الحرجة الجراحي و الباطني		
التخصص	عدد الساعات الدراسية	نظري	Master specialty in critical care and emergency nursing
		عملي	
		( ——— )	( 2hrs× 32week = 64 hrs )

This course aims to equip post graduate students with comprehensive knowledge related to critical care medicine.	2- هدف المقرر
3- المستهدف من تدريس المقرر : By the end of the course the candidate will be able to :	
A1-Identify appropriate knowledge and skills of critical care. medicine required to make professional judgment on professional nursing practice. A2.Describe the concept of evidence based practice of critical care medicine with nursing. A3.List the most appropriate actions to resolve different types of cardiac dysrhythmias. A4.Identify the most common causes for increased intracranial pressure. A5. Discuss the basic principles of treating spinal cord injury.	أ- المعلومات والمفاهيم
B1-Use evidence-based research findings in treating gastrointestinal emergencies and cardiovascular	ب- المهارات الذهنية



<p>emergencies.</p> <p>B2. Calculate the amount of fluids needed for shocked patients.</p> <p>B3. Analyze the difference pathophysiology of Gullian Barrie and Mythenia Gravies.</p> <p>B4. Utilize standardized management of treating acute GIT bleeding.</p> <p>B5. Plan for continuous professional treatment of shock with different types.</p> <p>B6. Utilize professional decision making in brain death.</p> <p>B7. Evaluate different methods used in treating endocrine emergencies.</p>	<p>الخاصة بالمقرر</p>
<p>-----</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>-----</p>	<p>د- المهارات العامة</p>
<ul style="list-style-type: none"> <li>○ GIT bleeding</li> <li>○ Endocrine Emergencies</li> <li>○ Acute pancreatitis</li> <li>○ Shock</li> <li>○ Dysrhythmia</li> <li>○ Spinal cord injury.</li> </ul>	<p>4- محتوى المقرر</p>
<ul style="list-style-type: none"> <li>● Lectures</li> </ul>	<p>5- أساليب التعليم والتعلم</p>
<ul style="list-style-type: none"> <li>○ Not applicable</li> </ul>	<p>6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة</p>
<p>7- تقويم الطلاب</p>	
<ul style="list-style-type: none"> <li>○ Witten exam</li> </ul>	<p>أ- الأساليب</p>

		المستخدمة
○	Final written exam By the end of the semester	ب- التوقيت
○	Final summative evaluation	ج- توزيع الدرجات
○	Final written exam 100 marks	
○	Total 100 (100%)	
<b>8- قائمة الكتب الدراسية والمراجع :</b>		
_____		أ- مذكرات
_____		ب- كتب ملزمة

<ul style="list-style-type: none"> <li>Paul Marino, The ICU book (3<sup>rd</sup> edition). (2018)</li> </ul>	
1. <a href="http://www.lww.com/nursing/practicingNurse/medsurg.html">www.lww.com/nursing/practicingNurse/medsurg.html</a> 2. <a href="http://nursingcrib.com/tag/pathophysiology">nursingcrib.com/tag/pathophysiology</a>	د- دوريات علمية أو نشرات .. الخ

رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر د/ مروه فتح الله	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

نموذج رقم (11أ)

University: Mansoura

Faculty: Nursing

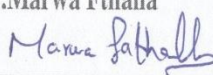
Department: Critical Care and Emergency Nursing

Course Title: طب الحالات الحرجة الجراحي و الباطني

Code: MSC11

Master

### ILOs Matrix

Course Content	Teaching Methods	Evaluation Methods	A. Knowledge & Understanding	B. Intellectual Skills	C. Practical & professional Skills	D. General & Transferable Skills	E .Attitude
1-GIT bleeding	Lectures	Final Written Exam	A1,A2	B1,B4	-----	-----	-----
2- Endocrine emergencies	Lectures	Final Written Exam	A1,A2	B7	-----	-----	-----
3- Acute pancreatitis	Lectures	Final Written Exam	A1,A2	-----	-----	-----	-----
4- Shock	Lectures	Final Written Exam	A1,A2	B2,B5	-----	-----	-----
5- Dythrythmia.	Lectures	Final Written Exam	A1,A2,A3	B1	-----	-----	-----
6-Spinal cord injury.	Lectures	Final Written Exam	A1,A2,A5	-----	-----	-----	-----
Teacher course Prof. Dr. Mohammed Sultan Prof. Dr. Ahmed Hesham Abd El Mohyme			Course coordinator Dr.Marwa Fthalla 		Head of Department Prof. Dr. Nahed Attia Kandeel 