



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

Contents

No.	Content	Page No.
1	Faculty Vision & Mission	3
3	Program Specification & Matrix	4
4	Courses Specifications & Matrix	20

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 : دكتوراه 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 Doctorate Program provides an educational framework that will encourage the post graduate students to:

- Enhance students' problem solving, critical thinking and analytical skills to promote an advanced level of both theory and clinical practice of critical care nursing.
- Function autonomously and collaboratively in an advanced and extended clinical role in critical care nursing.
- Develop the student's awareness of relevant research findings and facilitate integration of these findings into critical care nursing practice.
- 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 doctorate program, the graduate must be able to

- A1. State critical care as a collaborative, holistic approach that includes the patient, the family, and significant others.
- A2. Identify theories principles and updated knowledge in critical care nursing and allied sciences.
- A3. Select new trends and issues related to the care of acutely/critically ill patients.
- A4. Name nursing theories in relation to Critical Care Nursing and allied sciences.
- A5. Outline basics of research ethics in critical care nursing.
- A6. Enumerate the different tools of research ethics in critical care nursing.
- A7. Classify different methods of research ethics in critical care nursing.
- A8. Describe the moral and legal principles of professional critical care nursing practice.
- A9. Recognize updated ethical and legal aspects of professional critical care nursing practice.
- A10. Name evidence based nursing practices in dealing with critically ill patients.
- A11. Outline principles of quality in professional practice of critical care nursing.
- A12. Recognize knowledge related to the impact of critical care nursing professional practice on surrounding environment.
- A13. Name evidence based guidelines for patient safety.

2/2 المهارات الذهنية :

Intellectual/ Cognitive

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

- B1. Integrate different scientific knowledge of critical care nursing and other allied sciences to provide a high standard of patient care.

- B2. Explain current literature and nursing practices to provide evidence based contemporary care for critically ill patients.
- B3. Select educational theories in designing educational program.
- B4. Give example for effective problem solving in critical care settings.
- B5. Recognize plan for solving common professional problems in critical care settings.
- B6. Predict research study that aims to add a body of knowledge to critical care nursing.
- B7. Interpret the research findings based on the updated literatures.
- B8. construct the research methodologies based on the available recourses.
- B9. Syntheses and assess demographic data in critical care nursing and use it for future plan.
- B10. Write and critique scientific papers in critical care nursing.
- B11. Classify professional practical hazards in critical care settings.
- B12. Review the evidence based guidelines for patient safety.
- B13. Critically evaluate their practice in ways that advance professional development.
- B14. Prepare efficient plan for developing critical care nursing performance.
- B15. Recognize accurate decision-making techniques in different critical care nursing areas.
- B16. Describe decision-making process to enhance critical care nursing profession.
- B17. Describe complex issues in critical care nursing professional practice both systematically and creatively.
- B18. Rewrite concept maps in providing care for critically ill patients with different condition.
- B19. Create new ideas in the field of critical care nursing.
- B20. Evaluate critically the principles of quality and quality assurance mechanisms in all aspects of scientific and professional nursing activities.
- B21. Apply evidence based nursing practice in dealing with critically ill patient

Practical & Professional skills

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

- C1. Applying basic professional practices in critical care nursing effectively.
- C2. Apply advanced and extended nursing practice that demonstrates a high level of ability in complex care situations.
- C3. Write professional reports by using standardized reporting system.
- C4. Evaluate critical care nursing professional reports.
- C5. Assess & improve methods of practice in critical care nursing.
- C6. Interact and discuss the research methods and tools by using evidence- based information.
- C7. Utilize information technology for serving critical care nursing professional practice.
- C8. Manipulate the different advanced technology means in different critical care nursing areas.
- C9. Apply principles and concepts of managerial skills in critical care nursing settings.
- C10. Apply the concepts of evidence- based practice in academic and field practice of critical care nursing.
- C11. Implement plan for improving professional practice & staff development.

General and Transferable Skills

At the end of Critical Care and Emergency nursing doctorate 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 in different work environment taking into consideration all influencing factors.
- 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. Teach others effectively using new teaching strategies.
- D6. Demonstrate peer evaluation.
- D7. Work effectively both in an independent manner through self-direction in planning and implementing tasks.
- D8. Assess self & continues learning.
- D9. Use different resources for collecting information & knowledge.
- D10. Disseminate information efficiently both orally and in written form.
- D11. Lead & work in a team.
- D12. Organize scientific meetings effectively.
- D13. Mange 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 Doctorate 's program in any discipline must be able to:

1. Master the basics and scientific research methodologies

2. Continuing work on the addendum to the knowledge in the area of nursing field
3. Application of the analytical method and critic of knowledge in the area of specialization and related fields
4. Integrating the specialized knowledge with the related knowledge related to nursing
5. knowledge breeder and developer of bilateral relationship among them.
6. Show the deep awareness of the ongoing problems and modern theories in the area of nursing field
7. Identify professional problems and find innovative solutions to solve them.
8. Mastery of a wide range of professional skills in the area of nursing field.
9. Trend towards the development of methods and tools and new methods of professional nursing practice.
10. Use of appropriate technological means to serve the professional nursing practice.
11. Communicate effectively and lead a team working in various nursing professional contexts.
12. Take decision in light of the information available.
13. Employment of available resources efficiently and develop and work on finding new resources.
14. Awareness of her/his role in community development and environmental conservation.
15. Act reflecting a commitment to integrity and credibility and rules of the nursing profession
16. Ongoing commitment to self-development and transfer of knowledge and experience to others.

2. General academic reference standard

2-1 Knowledge & understanding

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

A.Theories and the basics of modern knowledge in the area of nursing specialization

and fields of nursing relation.

- B. The Basics, methodologies and ethics of scientific research and its various tools.
- C. Ethical and legal principles of professional practice in the area of nursing field.
- D. Ethical principles and the basics of quality in professional practice in the area of nursing field.
- E. Knowledge on the effects of professional practice on the environment and methods for environmental development and maintenance.

2-2 Intellectual Skills

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

- A. Analysis and evaluation of information in the field of nursing specialization and measurement and elicitation on it.
- B. Solving specialized nursing problem based on the available data.
- C. Carrying out research studies which add to the body of nursing knowledge.
- D. Drafting scientific papers.
- E. Risk assessment in nursing professional practices.
- F. Planning for the development of performance in the area of nursing field.
- G. Making professional decision in different nursing contexts.
- H. Innovation / Creativity.
- I. Dialogue and debate based on evidence.

2-3 Professional skills

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

- A. Mastering basic professional nursing and modern skills in the field of nursing.
- B. Write and evaluate professional reports.
- C. Evaluate and develop the existing methods and tools in the field of nursing.
- D. Use of technological means to serve nursing practice.
- E. Planning for the development of nursing practice and performance improvement of others

2-4 General and transferable skills

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

- A. Communicate effectively by all different means.
- B. Use of information technology to serve the development of nursing practice.
- C. Teach others and evaluate their performance.
- D. Self-assessment and continuous learning.
- E. Use different sources to get the information and knowledge.
- F. Work in a team and leader team works.
- G. Manage scientific meetings and the ability to manage time

4- هيكل ومكونات البرنامج :

أ - مدة البرنامج : عامين

Program Structure - هيكل البرنامج :

□ عدد الساعات / عدد الوحدات : 240 نظري □ عملي □ إجمالي 240
□ إلزامي □ انتقائي □ اختياري

□ مقررات العلوم الأساسية : 48 □ 20 %

□ مقررات العلوم الاجتماعية والإنسانية : □ %

□ مقررات علوم التخصص : 192 □ 80 %

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

□ التدريب الميداني : لا يوجد

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

د . مقررات البرنامج :

أ - إلزامي :

Semester	Academic year/ level	Week hours			Course name	Code/no. of the course
		Practical	Exercises	lecture		
1 st	1 st			3	Seminars in Medical and Basic science	DS1
1 st and 2 nd	1 st	1		2	Seminars in the major Critical Care Nursing	DS2
1 st and 2 nd	1 st		1	2	Seminars in the minor specialties	DS3
Continuous	Minimum 1 st and 2 nd up to 4 th			-----	Thesis	DT4

6- متطلبات الالتحاق بالبرنامج :

Program registration requirements

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

1. The candidate must have a Master Degree in nursing science with a minimum grade of "good" from Faculty of Nursing or another recognized university in A.R.E.
2. Candidate who learned English as a second language must get at least score of 500 on the national Test of English as a Foreign Language (TOEFL).
3. Candidates who are working in a hospital or health institution must be enrolled on a full time basis for studying.
4. Courses for Doctorate program which are divided into two semesters; each of them is four months.

7- القواعد المنظمة لاستكمال البرنامج :

Roles and Regulation for Completion of the Program

1. The candidate must perform research on an innovative topic that is accepted by the University Council based on the approval of the faculty of nursing Council for at least two years from the date of the registration.
2. The candidate must submit the thesis of her/his research for the acceptance by the Judging Committee for the defense of the dissertation.
3. The candidate must pass a comprehensive examination in general nursing and in the specialty area.
4. Candidates are required to satisfactory pass all required tests as well as its parts with an average grade of the judged committee members.
5. Comprehensive doctoral examination will be held during the months of May and November every year.
6. The Final grading system is divided into:
 - 60% for Clinical, Oral, and written examination
 - 40% for the Thesis
7. The candidate should not be allowed to be registered for Doctorate Degree more than five years without registering for comprehensive examination.
8. Permission for two years extension may be given to the student by Faculty Council upon accepted reasons.
9. Thesis title should be declared in Doctorate Certificate.

8- طرق وقواعد تقييم المتحقيين بالبرنامج :

Roles and Methods for students' evaluation

Comprehensive doctoral examination will be held during the months of May and November every year.

Assessment Methods	Measured Intended Learning Outcomes
1- Written exam	A1-A5, A11-A13, B1-B3, B5, B9-B10, B14, B18, C3, C6, D10
2- Practical exam	A8, A10, B1, B4, B9, B11-B12, B14-B18, B21, C1, C3-C4, C8,

	C11, D1-D3, D5-D6, D11
3- Oral exam	A1-A8, A10-A13, B1-B4, B13, B19-B20, C3, C6, D2, D4, D10
4- Thesis	A6-A7, A9, B2, B5-B8, B10, C2, C5-C11, D3, D5, D7-D9, D11-D13

9- طرق تقويم البرنامج :

Program Methods of Assessment

Target groups	Methods	Sample
1- Ddoctorate students	Self administered questionnaire Semi- structured interview	100%
2- Graduates	Self administered questionnaire Semi- structured interview	100%
4- External Evaluator(s) or External Examiner (s)	Report	100%

رقم (121) بتاريخ 2013/2/21	معتد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية لمجلس القسم العلمي
متمسق البرنامج د/هالة أحمد عبد الرحمن	رئيس القسم العلمي أ.م.د/ ناهد عطية قنديل

قمار مجلس الكلية بجلسته رقم (١٩٥)
تاريخ ٢٠١٩/ ٤ / ١٣
الرائقة د. هالة أحمد
أ. م. د. ناهد عطية

Matrix of ARS ILOs and Doctorate of Critical Care and Emergency Nursing Program ILOS

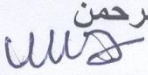
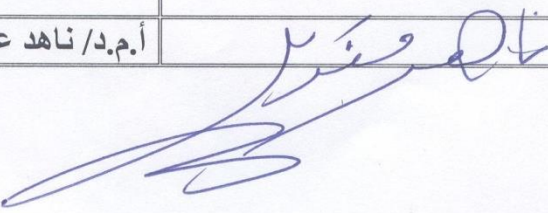
A. Knowledge and Understanding	
ARS ILOs	Doctorate Program ILOs
A1 – Delineate the basics of normal and abnormal human behaviors and interactions.	A1. State critical care as a collaborative, holistic approach that includes the patient, the family, and significant others. A8. Describe the moral and legal principles of professional critical care nursing practice. A9. Recognize updated ethical and legal aspects of professional critical care nursing practice.
A4- Recognize principles of nursing management of common and life-threatening problems in different age groups	A2. Identify theories principles and updated knowledge in critical care nursing and allied sciences. A3. Select new trends and issues related to the care of acutely/critically ill patients. A4. Name nursing theories in relation to Critical Care Nursing and allied sciences. A10. Name evidence-based nursing practices in dealing with critically ill patients. A11. Outline principles of quality in professional practice of critical care nursing.
A5- Identifies determinants of health and principles of different levels of prevention for different age groups and settings	A12. Recognize knowledge related to the impact of critical care nursing professional practice on surrounding environment. A13. Name evidence-based guidelines for patient safety.
A6- Recognizes principles and concepts of leadership/management, education human interactions and research	A5. Outline basics of research ethics in critical care nursing. A6. Enumerate the different tools of research ethics in critical care nursing. A7. Classify different methods of research ethics in critical care nursing.

B. Intellectual Skills	
ARS ILOs	Doctorate Program ILOs
B.1. Synthesizes assessment data to formulate nursing diagnoses	B9. Synthesizes and assess demographic data in critical care nursing and use it for future plan. B14. Prepare efficient plan for developing critical care nursing performance. B13. Critically evaluate their practice in ways that advance professional development.
B.3. Uses reasoning skills in prioritizing actions	B17. Describe complex issues in critical care nursing professional practice both systematically and creatively. B18. Rewrite concept maps in providing care for critically ill patients with different condition.
B.4. Synthesizes knowledge derived from the basic, medical, nursing, humanities courses for the development of decision making in practice.	B15. Recognize accurate decision-making techniques in different critical care nursing areas. B16. Describe decision-making process to enhance critical care nursing profession. B7. Interpret the research findings based on the updated literatures. B8. construct the research methodologies based on the available recourses.
B.6. Synthesizes clinical evidence in order to solve problems related to the management of patient care and the organization.	B4. Give example for effective problem solving in critical care settings. B5. Recognize plan for solving common professional problems in critical care settings. B21. Apply evidence-based nursing practice in dealing with critically ill patient.
B.7. Uses teaching / learning principles in implementing educational activities to patient/ client and subordinates	B1. Integrate different scientific knowledge of critical care nursing and other allied sciences to provide a high standard of patient care. B2. Explain current literature and nursing practices to provide evidence based contemporary care for critically ill patients. B3. Select educational theories in designing educational program. B6. Predict research study that aims to add a body of knowledge to critical care nursing.
B8. Development of critical thinking and Judgment as an important nursing skill in nursing practice	B10. Write and critique scientific papers in critical care nursing. B11. Classify professional practical hazards in critical care settings. B12. Review the evidence-based guidelines for patient safety.

	<p>B19. Create new ideas in the field of critical care nursing.</p> <p>B20. Evaluate critically the principles of quality and quality assurance mechanisms in all aspects of scientific and professional nursing activities.</p>
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C. Professional and Practical skills	
ARS ILOs	Doctorate Program ILOs
C1. Uses a range of assessment techniques appropriate to the situation to identify relevant determinants of health; physical, psychosocial and cultural needs/problems.	C5. Assess & improve methods of practice in critical care nursing.
C.2.Implements standardized protocols and guidelines when providing nursing care.	C2. Apply advanced and extended nursing practice that demonstrates a high level of ability in complex care situations.
C.4.Conducts appropriate nursing activities skillfully and in accordance with best evidence- based practices.	<p>C1. Applying basic professional practices in critical care nursing effectively.</p> <p>C6. Interact and discuss the research methods and tools by using evidence- based information.</p> <p>C10. Apply the concepts of evidence- based practice in academic and field practice of critical care nursing.</p>
C.6. Uses informal and formal methods of teaching appropriate to the patient /client learning abilities.	<p>C7. Utilize information technology for serving critical care nursing professional practice.</p> <p>C8. Manipulate the different advanced technology means in different critical care nursing areas.</p>
C.7. Documents professional judgment, decisions taken and actions implemented	C3. Write professional reports by using standardized reporting system.
C.8. Measures critically the outcomes of nursing activities.	C4. Evaluate critical care nursing professional reports.
C.9. Applies principles and concepts of leadership / management in different health care settings.	<p>C9. Apply principles and concepts of managerial skills in critical care nursing settings.</p> <p>C11. Implement plan for improving professional practice & staff development.</p>

General and Transferable Skills	
ARS ILOs	Doctorate Program ILOs
D.1- Works effectively with a team	D11. Lead & work in a team.
D.2-Manages effectively time, resources and sets priorities.	D12. Organize scientific meetings effectively. D13. Mange time schedule of scientific meetings.
D.3-Applies communication skills in inter-professional, social, and therapeutic context	D1. Establish and maintain effective interpersonal relationships with critically ill patients, their family and other members of the health care team. D2. Communicate effectively in different work environment taking into consideration all influencing factors.
D.4-Participates in ongoing educational activities related to professional issues	D5. Teach others effectively using new teaching strategies. D6. Demonstrate peer evaluation. D7. Work effectively both in an independent manner through self-direction in planning and implementing tasks. D8. Assess self & continues learning. D9. Use different resources for collecting information & knowledge. D10. Disseminate information efficiently both orally and in written form.
D.5- Use information technology	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.

مجلس كلية رقم (121) بتاريخ 2013/2/21	معتمد بموافقة مجلس الكلية
رقم (8) بتاريخ 2019/4/1	تم مراجعته وتحديثه واعتماده بمجلس القسم العلمي
د/ هاله عبد الرحمن 	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		
Doctorate degree	الفرقة/المستوى	اسم المقرر العلوم الأساسية والطبية لها علاقة بفرع التخصص
Theory 3 hours/ week X 16 weeks= 48		DS1
6 X32 weeks= 192 hours	عدد الساعات الدراسية	الرمز الكودي التخصص Doctorate Degree Critical Care and Emergency Nursing
This course aims to equip doctorate students with advanced and comprehensive knowledge of essential medical sciences related to critical care.		2-هدف المقرر
3-المستهدف من تدريس المقرر : By the end of the course the candidate will be able to		
A1-Identify advanced knowledge and skills of critical care medicine required to make professional judgment on professional nursing practice.		أ- المعلومات والمفاهيم
A2.Describe evidence based practices in dealing with the critically ill patients suffering from different health problem.		
A3.List the most appropriate interventions to resolve different types of fatal cardiac dysrhythmia.		
A4. Identify advanced modes of mechanical ventilation.		
A5. Identify up-to-date guidelines of different health problem.		
B1-Integrate all allied health sciences of critical illness into management critically ill patients with different health problems.		ب- المهارات الذهنية الخاصة بالمقرر
B2. Interpret ECG stripe efficiently.		
B3. Analyze ventilator waves		
B4-Interact and discuss by using evidence- based information related critical care medicine		
B5. Interpret X-rays interpretation		

.....	ج- المهارات المهنية الخاصة بالمقرر
D1- Use information technology in academic and field practice D2- Communicate effectively. D3. Utilize different information resources.	د- المهارات العامة
4- Course Content: 1. Cardiovascular disorders: a. Acute chest pain b. Acute coronary syndromes c. Dysrhythmias d. Cardiopulmonary resuscitation e. Hypertension crisis f. Heart failure g. Pericardial effusion h. Cardiac tamponade 2. Respiratory disorders: a. Respiratory failure b. Mechanical ventilation c. Acute lung injury (ALI / ARDS) d. Pulmonary embolism e. Pulmonary edema f. Pneumonia g. Oxygen therapy h. Humidification i. Pulmonary function test 3. Gastrointestinal disorders: a. Acute abdominal pain b. Gastrointestinal bleeding c. Acute pancreatitis d. Fulminant hepatic failure e. Diarrhea and constipations f. Nutrition of critically ill patient 4. Trauma 5. Endocrine crisis	4- محتوى المقرر

<ul style="list-style-type: none"> 6. Stroke 7. Brain death 8. Stroke 9. Infection in ICU 10. Shock 11. Poisoning and drug overdose 12. X-rays interpretation 13. Emergency drugs 	
<ul style="list-style-type: none"> • Interactive lectures • Discussion and brain storming • Case study 	<p style="text-align: right;">5- أساليب التعليم والتعلم</p>

• Not Relevant	6- أساليب التعليم والتعلم للطلاب ذوى القدرات المحدودة
	7- تقويم الطلاب
• Written comprehensive doctorate exam	أ- الأساليب المستخدمة
• Oral exam	
• Final-Term Examination on the 33rd week	ب- التوقيت
• Final written exam 200 80%	
• Oral exam Mange scientific meeting and time 50 20%	ج- توزيع الدرجات:
• Total: 250 grads 100%	
8- قائمة الكتب الدراسية والمراجع :	
	أ- مذكرات
.....	ب- كتب ملزمة
<ul style="list-style-type: none"> • Marin Kollef, The Washington Manual of Critical Care (3rd edition). (2018) • Paul Marino, The ICU book (3rd edition). (2018) • Patricia Gonce Morton , Dorrie K. Fontaine etal Critical care nursing : Aholistic approach. 11th Edition. Lippincott Williams & Wilkins (2018) • Amanual for Intensive Care. (2017). • Intensive Care Nursing aframe work for practice, Philip woodr edition , (2019). 	ج- كتب مقترحة
<ul style="list-style-type: none"> • www. AJN .com • www.criticalcareJournal.com • www. BJN.com • www.ChestJournal.com • <u>www.WHO.org</u> 	د- دوريات علمية أو نشرات .. الخ

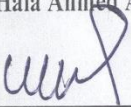
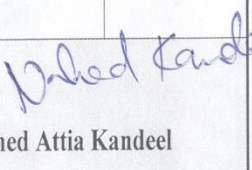
رقم (121) بتاريخ 2013/2/21	معمد بموافقة مجلس الكلية
رقم (38) بتاريخ 2019/4/1	تم مراجعته وتحديثه طبقا للمعايير الأكاديمية المرجعية مجلس القسم العلمي
منسق المقرر	رئيس القسم العلمي
د/ هالة احمد عبدالرحمن	ا.م.د/ ناهد عطية قنديل

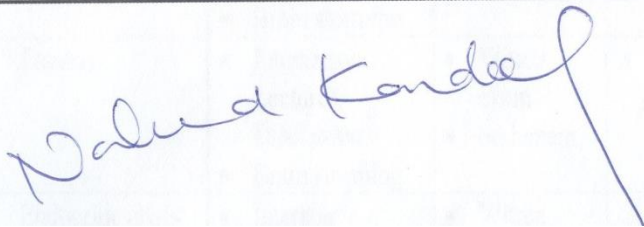
نموذج رقم (11أ)

University: Mansoura	Course Title: العلوم الأساسية والطبية لها علاقة بفرع التخصص
Faculty: Nursing	Code: DS1
Department: Critical Care and Emergency Nursing	Doctorate

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"> Cardiovascular Disorders 	<ul style="list-style-type: none"> Interactive Lectures, Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A2,A3, A5	B1,B2,B4	-----	D1	-----
<ul style="list-style-type: none"> Respiratory Disorders 	<ul style="list-style-type: none"> Interactive Lectures, Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A2, A4, A5	B1,B3,B4	-----	D1	-----
<ul style="list-style-type: none"> Gastrointestinal disorders 	<ul style="list-style-type: none"> Interactive Lectures, Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A2, A5	B1,B4	-----	-----	-----
<ul style="list-style-type: none"> Trauma 	<ul style="list-style-type: none"> Interactive Lectures, Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A2, A5	B1,B4	-----	-----	-----
<ul style="list-style-type: none"> Endocrine crisis 	<ul style="list-style-type: none"> Interactive Lectures, Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A2, A5	B1,B4	----- -	-----	-----

• Stroke	<ul style="list-style-type: none"> • Interactive Lectures, Discussion • Brain storming 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2, A5	B1,B4	-----	D3	---
• Brain death	<ul style="list-style-type: none"> • Interactive Lectures, Discussion • Brain storming 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2, A5	B1,B4	-----	---	---
• Infection in ICU	<ul style="list-style-type: none"> • Interactive Lectures, Discussion • Brain storming 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2, A5	B1,B4	-----	D3	---
• Shock	<ul style="list-style-type: none"> • Interactive Lectures, Discussion • Brain storming 	<ul style="list-style-type: none"> • Witten exam oral exam 	A2, A5	B1,B4	-----	D2	---
• Poisoning and drug overdose	<ul style="list-style-type: none"> • Lectures • Discussion • Brain storming. 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A1, A2, A5	B1,B4	-----	D3	---
Teacher course Prof. Dr. Mohamed Sultan Prof. Dr. Mohsen Elshafy		Course coordinator Dr. Hala Ahmed Abd El Rahman 		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		
Doctorate degree	الفرقة/المستوى	Seminars in the major : Critical Care Nursing تمريض الحالات الحرجة
		اسم المقرر
		DS2
		الرمز الكودي
		التخصص
		Doctorate Degree Critical Care and Emergency Nursing
		عدد الساعات الدراسية
		Theory 3 X 32 weeks= 96 hours

<p>This course provide the student with the opportunity to:</p> <ul style="list-style-type: none"> • Develop their knowledge of critical care nursing, and allied health sciences to integrate that knowledge in the care of individuals and their families in the critical care setting. • Develop an analytical approach of evidence-based practices in both academic and field practice of critical care. • Assist in supervision and clinical teaching of critical care nurses. 	2-هدف المقرر
3- المستهدف من تدريس المقرر : By the end of the course the candidate will be able to	
<p>A1. State the essential knowledge based in carrying out nursing activities directed in preventing, promoting, and maintaining, the optimal health of critically ill patients.</p> <p>A2. Identify appropriate knowledge and skills of critical care nursing required to make professional judgment on professional nursing practice.</p>	أ- المعلومات والمفاهيم

<p>A3. List the required actions to resolve different life-threatening health problems of critically ill patient.</p> <p>A4. State comprehensive management of patient with complex life-threatening problems.</p> <p>A4.Describe nursing practices in dealing with advanced technology.</p> <p>A6.Discuss evidence based practices for mechanically ventilated patients.</p> <p>A7.Discuss different management strategies for critical care problems.</p> <p>A8.Identify different monitoring criteria for critically ill patients.</p>	
<p>B1-Integrate all allied health sciences of critical illness into nursing assessment and management of critically ill patients with different health problems.</p> <p>B2. Synthesize a range of solutions to solve, critically evaluate, and justify proposed solutions for life-threatening problems.</p> <p>B3. Formulate concept map in dealing with critically ill patients with different life-threatening problems.</p> <p>B3.Correlate different scientific knowledge to solve professional problems.</p> <p>B4.Analyze and evaluate the obtained information in critical care nursing and use it as a predictors and standard measures.</p> <p>B5.Interpret the results of non invasive and invasive monitoring.</p> <p>B8. Assess practical professional hazards.</p> <p>B8. Design nursing care plan for different critical care illness.</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر</p>
<p>.....</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>D1- Use information technology in academic and field practice.</p> <p>D2- Communicate effectively.</p>	<p>د- المهارات العامة</p>

D3. Utilize different information resources.	
<ol style="list-style-type: none"> 1. Nursing Care of patient with acute cardiovascular disorders <ul style="list-style-type: none"> ▪ acute coronary syndrome ▪ Acute heart failure ▪ Cardiovascular rehabilitation 2. Nursing management of patient with acute respiratory disorders <ul style="list-style-type: none"> ▪ Acute respiratory failure ▪ Pulmonary embolism ▪ Nursing practices of mechanically ventilated patients ▪ Respiratory rehabilitation 3. Nursing care of patient with neurovascular emergencies <ul style="list-style-type: none"> ▪ Stroke 4. Nursing care of patient with acute gastrointestinal disorders <ul style="list-style-type: none"> ▪ Fulminate hepatic failure ▪ Acute GIT bleeding 5. Nursing care of patient with multiple trauma 6. Nursing management of patient with endocrine crisis 7. Bariatric syndrome 8. Abdominal compartment syndrome 9. Emergency and disaster preparedness 	<p>4- محتوى المقرر</p>
<ul style="list-style-type: none"> • Interactive lectures • Discussion and brain storming • Projects- based learning • Case study 	<p>5- أساليب التعليم والتعلم</p>
<ul style="list-style-type: none"> • Not Relevant 	<p>6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة</p>
	<p>7- تقويم الطلاب:</p>
<ul style="list-style-type: none"> • Witten exam 	<p>أ- الأساليب</p>

• Oral exam		المستخدمة
• Final-term examination on the 33rd week		ب- التوقيت
• Practical exam	200	ج- توزيع الدرجات
• Oral exam	75	
• Final-Term Exam	200	
• Total	475	
8- قائمة الكتب الدراسية والمراجع :		
		أ- مذكرات
.....		ب- كتب ملزمة

<ul style="list-style-type: none"> • American Association of Critical Care Nurses, AACN Procedure Manual for Critical Care , 7th edition ,Elsevier Saunders; 2015 • Patricia Gonce Morton , Dorrie K. Fontaine etal Critical care nursing : Aholistic approach. 11th Edition. Lippincott Williams & Wilkins (2018) • Amanual for Intensive Care. (2017). • Intensive Care Nursing aframe work for practice, Philip woodrow 4th edition , (2019). 	<p>ج- كتب مقترحه</p>
<ul style="list-style-type: none"> • www. AJN .com • www. BJN.com • www. ACCN.com • www.FBFD.com • www.ChestJournal.com • www.WHO.org • www.thoracic.org 	<p>د- دوريات علمية أو نشرات .. الخ</p>

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 د/ هاله احمد عبد الرحمن	رئيس القسم العلمي ا.م.د/ ناهد عطية قنديل

University: Mansoura

Course Title: Seminars in the Major Critical Care Nursing

Faculty: Nursing

Code: DS2

Department: Critical Care Nursing

Doctorate

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
Nursing Care of patient with Acute Cardiovascular Disorders Acute Coronary Syndrome Acute Heart Failure Cardiovascular Rehabilitation	<ul style="list-style-type: none"> Interactive Lectures Discussion Brain storming 	<ul style="list-style-type: none"> Written exam oral exam 	A1,A2,A3,A4,A7,A8	B1B2,B3,B4,B5,B8	---	D1,D2,D3	-----
Nursing management of patient with Acute Respiratory disorders	<ul style="list-style-type: none"> Interactive Lectures Discussion Brain storming 	<ul style="list-style-type: none"> Written exam oral exam 	A1,A2,A3,A4,A7,A8	B1B2,B3,B4,B5,B8	---	D1,D2,D3	-----
Nursing care of patient with Neurovascular Emergencies	<ul style="list-style-type: none"> Interactive Lectures Discussion Brain storming 	<ul style="list-style-type: none"> Written exam oral exam 	A1,A2,A3,A4,A7,A8	B1B2,B3,B4,B8	---	D1,D2,D3	-----
Nursing care of patient with Acute Gastrointestinal disorders	<ul style="list-style-type: none"> Interactive Lectures Discussion 	<ul style="list-style-type: none"> Written exam 	A1,A2,A3,A4,A7,A8	B1B2,B3,B4,B8	---	D1,D2,D3	-----

	<ul style="list-style-type: none"> Brain storming 	<ul style="list-style-type: none"> oral exam 					
Nursing care of patient with Multiple Trauma Nursing management of patient with Endocrine Crisis Bariatric syndrome	<ul style="list-style-type: none"> Interactive Lectures Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A1,A2,A3,A4,A7,A8	B1B2,B3,B4,B8	----	D1,D2,D3	-----
Abdominal Compartment Syndrome Emergency and disaster preparedness	<ul style="list-style-type: none"> Interactive Lectures Discussion Brain storming 	<ul style="list-style-type: none"> Witten exam oral exam 	A1,A2,A3,A4,A5,A6,A7,A8	B1B2,B3,B4,B8	----	D1,D2,D3	-----
Teacher course Assist. Prof. Dr. Nahed Attia Kandeel		Course coordinator Dr. Hala Ahmed Abd El Rahman		Head of Department Assist. Prof. Dr. Nahed Attia Kandeel			

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نموذج رقم (12)

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر			
Doctorate degree	الفرقة/المستوى	Seminars in the minor : Critical Care Nursing تمريض الحالات الحرجة	اسم المقرر DS3 الرمز الكودي
Hours: Theory 3 X 32 weeks= 96 hours		عدد الساعات الدراسية	Doctorate Degree Critical Care and Emergency Nursing التخصص

<p>This course provide the student with the opportunity to:</p> <ul style="list-style-type: none"> • Develop their knowledge of critical care nursing, and allied health sciences to integrate that knowledge in the care of individuals and their families in the critical care setting. • Develop an analytical approach of evidence-based practices in both academic and field practice of critical care. • Assist in supervision and clinical teaching of critical care nurses. 	2-هدف المقرر
3- المستهدف من تدريس المقرر : By the end of the course the candidate will be able to	
<p>A1.State the essential knowledge based in carrying out nursing activities directed in preventing, promoting, and maintaining, the optimal health of critically ill patients</p> <p>A2. Identify appropriate knowledge and skills of critical care nursing required to make professional judgment on professional nursing practice.</p> <p>A3.List the required actions to resolve different life-threatening health problems of critically ill patient.</p> <p>A4. State comprehensive management of patient with complex life-threatening problems.</p> <p>A4. Describe nursing practices in dealing with advanced technology.</p> <p>A6.Discuss evidence based practices for mechanically ventilated</p>	أ- المعلومات والمفاهيم

<p>patients.</p> <p>A7.Discuss different management strategies for critical care problems.</p> <p>A8.Identify different monitoring criteria for critically ill patients.</p>	
<p>B1-Integrate all allied health sciences of critical illness into nursing assessment and management of critically ill patients with different health problems.</p> <p>B2. Synthesize a range of solutions to solve, critically evaluate, and justify proposed solutions for life-threatening problems.</p> <p>B3. Formulate concept map in dealing with critically ill patients with different life-threatening problems.</p> <p>B3.Correlate different scientific knowledge to solve professional problems.</p> <p>B4. Analyze and evaluate the obtained information in critical care nursing and use it as a predictors and standard measures.</p> <p>B5.Interpret the results of non invasive and invasive monitoring.</p> <p>B8. Assess practical professional hazards.</p> <p>B8. Design nursing care plan for different critical care illness.</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر</p>
<p>.....</p>	<p>ج- المهارات المهنية الخاصة بالمقرر</p>
<p>D1- Use information technology in academic and field practice</p> <p>D2- Communicate effectively.</p> <p>D3. Utilize different information resources.</p>	<p>د- المهارات العامة</p>
<p>1. Caring practices applied in critical care unit</p> <ul style="list-style-type: none"> ○ Comfort measures ○ Stress management/burnout ○ Grief and loss ○ Patient safety ○ Palliative care ○ Family centered care ○ Therapeutic touch ○ Therapeutic communication ○ Health maintenance <p>2. Systems thinking</p> <ul style="list-style-type: none"> ○ Healthy work environments of critical care 	<p>4- محتوى المقرر</p>

<ul style="list-style-type: none"> ○ Risk management ○ Management and leadership skills ○ Natural disaster planning/emergency planning and coordination ○ Evidence-based practices critical care settings ○ Standard setting and quality assurance systems ○ Accreditation in health care sector ○ Management of change ○ Case management ○ Participating in or leading a national committee ○ Designing new systems/forms/policies and procedures ○ Leading a case conference <p>3. Response to Diversity</p> <ul style="list-style-type: none"> ○ Cultural aspects of transplantation ○ Spiritual considerations of the dying patient ○ Psychosocial issues of diverse populations (e.g., aging, obesity, immune suppressed) ○ Geriatrics – nutrition for the aging population <p>4. Facilitation of Learning (or patient/family educator)</p> <ul style="list-style-type: none"> ○ How to conduct a needs assessment ○ Adult learning theory ○ Designing informational aids ○ Developing teaching courses/in-services/programs <p>5. Rehabilitation of critically ill patients</p> <p>6. Scoring system of critically ill patients</p> <p>7. The concept of holism in the technological critical care environment</p> <p>8. Nursing theories and models or frameworks for care – relevance in critical care nursing</p> <p>9. Ethical and legal issues in relation to prolongation of life</p> <p>10. Critical thinking in and its application in clinical practice</p> <p>11. Professional judgment and problem-solving skills</p> <p>12. Application of clinical pathways in practice</p> <p>13. The expanding role of the critical care nurse within the multidisciplinary team</p>	
<ul style="list-style-type: none"> ● 1- Interactive lectures ● 2- Discussion and brain storming ● 3- Projects- based learning ● 4- Case study 	<p>5- أساليب التعليم والتعلم</p>

<ul style="list-style-type: none"> • Not Relevant 	<p>6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة</p>
<p>7- تقويم الطلاب</p>	
<ul style="list-style-type: none"> • Witten exam • Oral exam 	<p>أ- الأساليب المستخدمة</p>
<ul style="list-style-type: none"> • Final-term examination on the 33rd week 	<p>ب- التوقيت</p>

<ul style="list-style-type: none"> Final written exam 200 grads Oral 75 	ج- توزيع الدرجات
8- قائمة الكتب الدراسية والمراجع :	
	أ- مذكرات
.....	ب- كتب ملزمة
<ul style="list-style-type: none"> American Association of Critical Care Nurses, AACN Procedure Manual for Critical Care , 7th edition ,Elsevier Saunders; 2015 Patricia Gonce Morton , Dorrie K. Fontaine etal Critical care nursing : Aholistic approach. 11th Edition. Lippincott Williams & Wilkins (2018) Mortoon, Amanual for Intensive Care. (2nd edition) .(2017). Vicki S. Good Peggy L. Kirkwood, Advanced Critical Care Nursing, (2nd edition). (2017) 	ج- كتب مقترحه
<ul style="list-style-type: none"> www.medscape.com http://ajcc.aacnjournals.org http://ccforum.com http://chestjournal.chestpubs.org www.WHO.org 	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	رئيس القسم العلمي
د/ هاله احمد عبد الرحمن	ا.م.د/ ناهد عطية قنديل

نموذج رقم (11أ)

University: Mansoura

Course Title: ندوات في مجال التخصص الدقيق

Faculty: Nursing

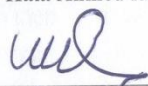
Code: DS3

Department: : Critical Care &Emergency Nursing

Doctorate

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
• Cardiovascular Disorders	<ul style="list-style-type: none"> • Interactive Lectures • Discussion 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2,A3, A5	B1,B2,B4	-----	D1	---
• Respiratory Disorders	<ul style="list-style-type: none"> • Interactive Lectures • Discussion • Brain storming. 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2, A4, A5	B1,B3,B4	-----	D1	----
• Gastrointestinal disorders	<ul style="list-style-type: none"> • Interactive Lectures • Discussion • Brain storming 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2, A5	B1,B4	-----	-----	---
• Trauma	<ul style="list-style-type: none"> • Projects based learning • Case study 	<ul style="list-style-type: none"> • Witten exam • oral exam 	A2, A5	B1,B4	-----	-----	---
• Endocrine crisis	<ul style="list-style-type: none"> • Interactive Lectures 	<ul style="list-style-type: none"> • Witten exam 	A2, A5	B1,B4	-----	-----	----

	<ul style="list-style-type: none"> Discussion •Brain storming 	<ul style="list-style-type: none"> •oral exam 					
• Stroke	<ul style="list-style-type: none"> •Interactive Lectures •Discussion •Brain storming 	<ul style="list-style-type: none"> •Witten exam •oral exam 	A2, A5	B1,B4	-----	D3	---
• Brain death	<ul style="list-style-type: none"> •Interactive Lectures •Discussion •Brain storming 	<ul style="list-style-type: none"> •Witten exam • oral exam 	A2, A5	B1,B4	-----	-----	---
• Infection in ICU	<ul style="list-style-type: none"> •Projects based learning •Case study 	<ul style="list-style-type: none"> •Witten exam • oral exam 	A2, A5	B1,B4	-----	D3	---
• Shock	<ul style="list-style-type: none"> •Interactive Lectures •Discussion and Brain storming 	<ul style="list-style-type: none"> •Witten exam • oral exam 	A2, A5	B1,B4	-----	D2	---
• Poisoning and drug overdose	<ul style="list-style-type: none"> •Interactive Lectures •Discussion 	<ul style="list-style-type: none"> •Witten exam • oral exam 	A1, A2, A5	B1,B4	-----	D3	---
Teacher course Assist. Prof. Dr. Nahed Attia Kandeel		Course coordinator Dr. Hala Ahmed Abd El Rahman 		Head of Department Assist. Prof. Dr. Nahed Attia Kandeel 