


Sub.	Course Syllabus	
Year	2021/2022	
Teaching Method	Blended	



Jerash University

Faculty of Nursing


Major: Nursing

COURSE SYLLABUS

Critical Care Nursing Theory


Course File Copy

This Course Syllabus is to be kept in the course file for this course. All changes, update and/or modifications should be reflected on the form, and should be kept in the Course Quality Assurance Form.


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Course Information	
Course Title	Critical Care Nursing (Theory)
Course Code	801319
Credit Hours	3 hours/ week
Pre- co-requisites	801315
Instructor	Dr. Rana Al-Awamleh
Coordinator	Dr. Rana Al -Awamleh
E-mail	rana@jpu.edu.jo
Course Description	
<p>This course introduces the nursing student to critical care nursing and examines concepts foundational to this understanding, including oxygen supply and demand, comprehensive assessment, technology, and ethical decision making. The critical care nurses' role in the context of patients' and family members' experience of selected critical illness is also examined. It explores increasingly complex health problems to integrate and expand knowledge of assessment, monitoring, interventions, caring and comfort. Emphasis is placed on ethical and legal issues, disease prevention, palliative care, and patient/family members' experience with potentially life threatening and end of life illness.</p>	

Course Objectives
<p>After completion of this course the student will be able to”</p> <ol style="list-style-type: none"> 1. Identify the common life threatening health problems that affect the adult client in a Jordanian community. 2. Demonstrate and understanding of fundamental concepts related to critical care nursing. 3. Identify the role of the critical care nurse in the context of patients and family member's experience of selected critical illness. 4. Identify appropriate nursing assessment and management for the patient with increasingly complex cardiovascular, pulmonary, renal, nervous, hematological and endocrine health problems. 5. Identify the impacts of potentially life threatening and end of life illness on the patient and family members. 6. Identify medications commonly used in the care of critically ill patient there indication and side effects.

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7. Apply selected concepts derived from nursing, biological, and social science to plan and implement primary, secondary, tertiary nursing interventions to hospitalized adult clients with increasingly complex health problems.
8. Integrate the nursing process as an approach for presenting the health problems that affect the critically ill adult clients.
9. Describe the pathophysiology and management of clients with selected critical illness.
10. Describe the physiological basis, indications and implication for hemodynamic monitoring.
11. Interpret basic dysrhythmias and describe the appropriate interventions.
12. Summarize clinical indications and nursing management of hemodynamic monitoring and other specialized equipment used in the care of critically ill patients.
13. Describe indications for and associated nursing interventions for patient undergoing diagnostic procedure of increasingly complex cardiovascular, pulmonary, renal, nervous, hematological and endocrine health problems.
14. Evaluate current evidence for practice in caring for patients with complex alteration of cardiovascular, pulmonary, renal and endocrine systems.
15. Discuss the legal and ethical issues that commonly occur in critical care setting.
16. Describe the main needs of families of critically ill patients.
17. Demonstrate ability to understand the nurse's role in communicating with clients, family and health team members in critical care setting.
18. Design implement, and evaluate nursing care for patients requiring complex care.
19. Integrate the principles of critical care in selecting the appropriate nursing interventions.
20. Apply psychosocial concepts to individuals and families in actual and potentially life-threatening situations.
21. Recognize and respond to critical changes in patient status and take safe appropriate action.
22. Use the recent technology and the available internal and external environment resources on caring for the patient with critical health problems.
23. Develop and refine critical thinking, caring, and communication skills.
24. Develop confidence and competency in managing patients who required complex technological support.
25. Demonstrate behavior consistent with Critical Care Standards of Nursing Practice, Code of Ethics and the Jordanian Nursing Act. When interacting with clients who are in actual and potentially life-threatening situations.
26. Assume responsibility and accountability for actions in accordance with the accept standards of critical care nursing practice.
27. Practice therapeutic communication skills with patients and families in crisis.
28. Use the findings from various nursing researches to update own knowledge regarding the critical care nursing.

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Course Policies:

Should be explained to students at the first meeting:

1. Class Attendance:

Attendance is required in lecture and control lab. See attendance policy in student handbook. You are expected to remain in attendance during lecture time and control lab. Verify attendance with instructor when tardy, otherwise you will be marked absent on attendance sheet. It is the student's responsibility to notify instructor prior to any absence or tardy for lecture or clinical. See clinical absence makeup guidelines. As part of your professional behavior, it is an expectation that you will arrive on time for lecture and control lab. Your first tardy, you will be given a written/verbal warning. Your second incident of tardy, you will be given an advisement notice. Your third incident of tardiness, you are at risk of being dropped from the nursing program.

- Attendance in the classroom is required and students should be on time.
- Students who miss more than 7 class hours will not be allowed to continue in the course and the relevant university policy will be applied to them. Excessive absenteeism is grounds for dismissal from the course.

2. Exams:

1. No bulky jackets (sweat shirts or small sweaters are allowed), no hats, caps, or sunglasses are to be worn while testing.
2. No talking; no phones or iPods.
3. Cell phones are to be turned off before you enter the testing area.
4. Keep eyes on paper; once you leave the testing room-no reentering
5. Do not bring any bags, purses or backpacks in the testing area,
6. Place belongings in front of the room.

- Exam Attendance/Punctuality:


- Cheating:

All students are expected to be honest in their academic work and to display integrity in the demonstration of their achieved competencies. Cheating, which is the willful decision on the part of a student to be dishonest in the representation of the work of others as his/her own, is unacceptable behavior. Faculty members establish standards of behavior that are consistent with the principles of honesty.

- Penalty for Cheating:

If a student is found guilty of giving or receiving help in an examination or is guilty of deliberate plagiarism in the submission of a project, he/she will receive a grade of zero in the examination or on the project. Other penalties may be imposed as mandated by departmental policies and as directed by circumstances.

- Mobiles: Audible signals from cell phones, beepers or pagers disrupt the educational process. Upon entering class and control lab, cell phones are to be turned

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off and beepers/pagers set in vibration mode. Students will not be excused from class in order to respond to electronic summons. Failure to respect this policy will not be tolerated per the “Student Conduct Policy” in the College Schedule of Classes.


CONTINUED DISRUPTION MAY BE GROUNDS FOR DISCIPLINARY ACTION AT THE ADMINISTRATIVE LEVEL. Students will be immediately sent to the office of the program director or her designee. If a student is “on call” for work the instructor must be informed at the beginning of the course.

No cell phones, beepers or pagers are allowed in the clinical setting. **DO NOT BRING THEM INTO THE CLINICAL SETTING.** If you have PDA capabilities on your cell phone, you may bring the cell phone to the clinical setting and turn off the phone capabilities. If an emergency should arise, family, significant others, school personnel, etc. should contact the Health Occupations Division secretary at (562) 860-2451 ext. 2551. The secretary will forward the information to the faculty who will then notify the student. Students are encouraged to give the college telephone number and secretary extensions to the emergency contact person(s).

3. Grading System:

Mark Range	Grade
90 – 100	Excellent
80 - < 89	Very Good
70 - < 79	Good
60 - < 69	Acceptable
50 - < 59	Weak
Less than 50	Fail

Text Book	
Title	AACN Essentials of Critical Care Nursing, 4th Edition, 2019 Suzanne M. Burns , Sarah A. Delgado Imprint: Saunders
Title	Introduction to Critical Care Nursing 8th Edition, 2021 by Sole PhD RN CCNS CNL FAAN FCCM, Mary Lou (Author), Klein MSN RN APRN-BC CCRN FAHA, Deborah Goldenberg (Author), Moseley PhD RN CCNS, Marthe J. (Author)
Recommended Website	American association of critical care nurses. www.aacn.org End of life education center. www.aacn.nche.edu/el nec

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Assessment Policy

Assessment	Expected due date	Grade%
First exam	Week 6	20%
Second exam	Week 11	20%
Quizzes and participation and assignments	During the semester	20%
Final exam	Week 16	40%
Total		100%
Attendance	According to University rules	

Teaching & Learning Methods

The methods of instruction may include, but are not limited to:

1. Lecture / discussion
2. Small group Discussion
3. Assigned textbook readings
4. Questions and answers
5. Handouts
6. Study questions and case studies.
7. White board.
8. Data show.

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Course Contents

<u>Week</u>	<u>Date</u>	<u>Topics</u>
1, 2		1. Introduction to critical care nursing <ul style="list-style-type: none"> • Overview on critical care nursing practice • Concepts of critical care nursing • Role of critical nurse
3		<ul style="list-style-type: none"> • Critical care nursing standards • Common problems of critical care patients. • Patients and family education in critical care
4, 5, 6		2. Nutritional Supplement for critical ill patients.
7, 8		3. Cardiovascular system <ul style="list-style-type: none"> • Nursing management of cardiovascular critical care • Disrhythmias. • Aortic aneurysm
9		4. Respiratory system: <ul style="list-style-type: none"> • Nursing management of Respiratory critical care • Respiratory failure • Acute respiratory distress syndrome
10, 11		5. Renal system <ul style="list-style-type: none"> • Nursing management of renal system disorders • End stages of renal failure.
12, 13		6. Digestive system <ul style="list-style-type: none"> • Nursing management of digestive system disorders • Upper gastrointestinal bleeding • Hepatitis.
14 and 15		7. Neurological system: <ul style="list-style-type: none"> • Coma • Brain death. • Gullian Barre Syndrome. • Head Trauma.
16		Final Exam

SIGNATURE PAGE FOR COURSE SYLLABUS

I have read and clarified the information in this course syllabus. I understand that failure to comply with the content of this syllabus, and/or meet the course objectives as stated in the syllabus, may result in failure of the course and dismissal from the program.

Signature Date----- Print Name-----