

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Intensive Care Nursing (Theory)
Course number	NURS4328
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - Integrate a specific theoretical knowledge related to nursing, pathophysiology, pharmacology, and medical technology to understand physiological and psychosocial responses to critical health disruptions.
- 2 - Develop a system to evaluate health status, identify responses to critical health disruptions, and define learning needs of critically ill patients and their families.
- 3 - Integrate knowledge from nursing and other disciplines to formulate nursing intervention strategies for patients experiencing critical health disruptions.
- 4 - Analyze research results and its implication in the area of critical care that relate to current practice
- 5 - Evaluate the value of collaboration in the care of the critical ill, and those with system specific disorders.
- 6 - Reflect on legal and ethical issues related to critical nursing.

## Intended Learning Outcomes

<b>Knowledge and Understanding</b>	<ul style="list-style-type: none"> <li>* A1-Discuss the scope of practice in critical care units.</li> <li>* A2-Recognize ethical and legal issues relevant to critically ill patients in ICU.</li> <li>* A3-Identify critically ill patient and their families needs and problems</li> <li>* A4-Recognize the principles of judgments and limitations of practice in critical care units.</li> </ul>
<b>Intellectual Skills</b>	<ul style="list-style-type: none"> <li>* B1-Assess the needs of critically ill patient.</li> <li>* B2-Identify the appropriate action for critical situations.</li> <li>* B3-Prioritize actions according to the needs of the situation utilizing</li> <li>* B4-critical thinking process.</li> <li>* B5-Integrate knowledge from nursing science, medicine and other</li> <li>* B6-sciences in nursing care of critically ill patient</li> <li>* B7-Ensure that the available resources in critical care unit</li> <li>* B8-complete personnel are used efficiently and effectively.</li> <li>* B9-Assist consumers and health care team when taking decisions.</li> </ul>
<b>Professional Skills</b>	<ul style="list-style-type: none"> <li>* D1-Monitor hemodynamic, oxygenation, blood chemistry and acid base balance of critically ill patient.</li> <li>* D2-Develop technical skills necessary to function competently within critical care as a professional nurse.</li> <li>* D3-Demonstrate technical skills in dealing with advanced technology in critical care setting.</li> <li>* D4-Implement nursing process to provide high quality nursing care to critical care patient.</li> </ul>
<b>General Skill</b>	<ul style="list-style-type: none"> <li>* C1-Communication Skills</li> <li>* C2-Team work skills</li> <li>* C3-Communicate effectively with patients, their families and other colleagues</li> <li>* C4-Develop confidence in clinical decision-making in the critical care setting</li> <li>* C5-Collaborate in a respectful manner with peers within critical care setting</li> <li>* C6-Develop leadership skills</li> <li>* C7-Practice within legal and boundaries</li> <li>* C8-Develop skills in dealing with information technology</li> </ul>

## Course Contents

1 - 1.	Foundations in care
2 - 2.	The theory Death and dying
3 - 3.	Cardiac monitoring
4 - 4.	Advanced skills
5 - 5.	Cardiac arrest
6 - 6.	Emergencies, modalities, ICU Drugs
7 - 7.	Hemodynamic monitoring
8 - 8.	Cardiogenic shock, CHF,
9 - 9.	Pulmonary edema
10 - 10.	ABGs
11 - 11.	Oxygenation, devices
12 - 12.	Respiratory Failure, exacerbations
13 - 13.	ARDS
14 - 14.	Neurological emergencies
15 - 15.	Complex endocrine emergencies

## Teaching and Learning Methods

- 1 - Group discussions & Interactive lectures
- 2 - Quizzes
- 3 - Demonstrations and Return Demonstrations
- 4 - Simulations
- 5 - Hands-on Skills Practice and Performance
- 6 - Computer Assisted Instruction
- 7 - Critical Thinking Exercises
- 8 - Multimedia activities
- 9 - Interactive educational activities
- 10 - Audio visuals

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First mid-term exam	4th week	20%
Second mid-term exam	8th week	20%
Attendance and discussion		5%
Homework and project reports		5%
Final exam	16th week	50%

## Books and References

Essential books	<ul style="list-style-type: none"><li>• Urden, L. D. (2014). Critical care nursing: Diagnosis and management. St. Louis, Mo: Elsevier/Mosby</li><li>• Jones, J., &amp; Fix, B. (2015). Critical care notes: Clinical pocket guide</li></ul>
Recommended books	<ul style="list-style-type: none"><li>• Sole, M. L., Klein, D. G., &amp; Moseley, M. J. (2013). Introduction to critical care nursing. St. Louis, Mo: Elsevier/Saunders</li><li>• Lippincott Williams &amp; Wilkins. (2012). Critical care nursing made incredibly easy!. Philadelphia: Wolters Kluwer Health/Lippincott Williams &amp; Wilkins.</li></ul>