



University of Baghdad
College of Nursing
Undergraduate Curriculum
Critical Care Nursing



1. **Course Title: Critical Care Nursing**
2. **Course Number:** 404
3. **Credit Hours:** Total of (6) credits :
Theory (2) credits.
Clinical (4) credits.
4. **Course Calendar:** Total (14) hours weekly of (15) weeks :
Theory: (2) hrs.
Clinical: (6) hrs .
5. **Placement: Fourth years /Second Semester**
6. **Course Description:**

This course is designed to develop knowledge necessary for the critical care nurses to provide complex therapeutic nursing interventions for health problems commonly encountered within the critical care environment. The course utilizes critical thinking processes to achieve successful integration of theoretical understanding in relation to clinical application.

7. Course Objective:

Upon completion of the course, the student shall be able to:

1. Understand the effect of the critical illness on the clients and their families.
2. Describe the impact of the critical care environment on the clients.
3. Discuss current monitoring techniques used in critical care settings.
4. Relate the human responses to critical illness to the underlying path physiology.
5. Discuss psychosocial assessment and interventions relevant to critically ill clients and their families.
6. Utilize knowledge from the humanities and science in planning the care of critically ill adults.
7. Demonstrate safe nursing care of critically ill adults.
8. Utilize effective communication techniques with clients .
9. Demonstrate competence in homodynamic and cardiac monitoring .

10. Provide quality nursing care for clients with respiratory dysfunction.
11. Assess and manage client with renal - urinary dysfunctions.
12. Deal efficiently with cases of multisystem trauma .
13. Interpret assessments findings in relation to the underling critical illness .
14. Participate in educating critically ill clients and their families .
15. Demonstrate professional behavior in relation to clients and members of the health team .

8. Course Outline:

Theoretical Content

Part I: Introduction to critical care nursing:

- 1.1. The client's experience with critical illness.
- 1.2. The family's experience with critical illness .
- 1.3. Impact of critical care environment on the client.
- 1.4. Relieving pain and providing comfort.
- 1.5. Psychosocial support for the clients and their families.
- 1.6. Client and family education in critical care.
- 1.7. Ethical issues in critical care nursing.
- 1.8. The Critical Care Experience
- 1.9. Nutritional Support
- 1.10. Dysrhythmia Interpretation and Management
- 1.11. Comfort and Sedation

Part II: Cardiovascular Disorders:

- 2.1. Acute coronary syndromes:
 - 2.1.1. Angina pectoris.
 - 2.1.1. Myocardial infarction.
- 2.2. Heart failure.
- 2.3. Cardiogenic shock.
- 2.4. Cardiac surgery.
- 2.5. Nursing management For client undergoing Cardiac Surgery.

Part III: Respiratory Disorders:

- 3.1. Acute lung and acute respiratory distress syndrome.
- 3.2. Pneumothorax.
- 3.3. Acute respiratory failure.
- 3.4. Nursing intervention and management.
- 3.5. Ventilator.

Part IV: Renal disorders:

- 4.1. Acute and chronic renal failure.
- 4.2. Renal transplantation.
- 4.3. Nursing intervention and management

Part V: Multisystem Trauma:

- 5.1. Spinal cord and neck trauma.
- 5.2. Chest trauma.
- 5.3. Poisoning
- 5.4. Burns.

Part VI: Endocrine disorders

- 6.1. Diabetic coma
- 6.2. Ketoacidosis
- 6.3. Thyroid storm
- 6.4. Myxedema coma

Part VII: Neurological disorders

- 7.1. Shock
- 7.2. 1. Types of shock
- 7.2.2: management of each type

Part VIII: End of Life & Palliative Care

Clinical Content

Part I: Coronary care unit (CCU)

Part II: Intensive care unit (I.C.U)

Part III: Respiratory care unit (R.C.U)

Part IV: Recovery Room (R.R)

Part V: Kidney dialysis unit

Part VI: Emergency Room (E.R)

Part VII: Burn units

Part VIII: CPR Program (Lab.)