
Course Specification

Course Title	Critical care nursing	
Course Code	Asw\Nur 216	
Academic Year		
Coordinator	د. أمل محمد أحمد	
Teaching Staff	د. انتصار جاد المولى شعبان	
Branch / Level		
Semester	First Semester	
Pre-Requisite		
Course Delivery	Lecture	18 x h lectures
	Practical	1x h practical
Parent Department		
Date of Approval		

1. Course Aims

The aims of this course are to:

- The course introduces students to the specific and complex problems that affect the functional health of a critical ill patient it is designed to promote the application of the nursing process as a framework in planning the intervention to assist critical ill individuals with actual and potential alterations in relation to emergence and critical situation.

2. Intended Learning outcomes (ILOs)

A. Knowledge and understanding:

By the end of this course students should be able to:

Describe anatomy & physiology of respiratory, cardio vascular gastrointestinal systems.

A1- Discuss nursing management of acute respiratory disorders

A2- Discuss nursing management of acute cardio vascular disorders

A3-Describe nursing management of acute gastrointestinal disorders

A4- Describe nursing management of metabolic and emergency endocrine disorders

A5- Describe nursing management of different types of critical patient

A6- Describe nursing management of stroke and trauma patient

B. Intellectual skills:

By the end of this course, the students should be able to:

- B1. b1-Differentiate related terminology for disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
- B2. Formulate nursing diagnosis associated with acute and emergence disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
- B3. Develop nursing intervention specific to patient for critical disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.

C. Professional and practical skills:

By the end of this course, the students should be able to:

- C1- Apply all principles of asepsis when contact with patient critical disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
- C2- Assess clinical signs for patient with critical disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
- C3- Implement clinical procedure for patient with acute and emergence disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
- C4-Use the nursing process as a framework for emergence disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient

D. General and transferable skills:

By the end of this course, the students should be able to:

- D1. Demonstrate all clinical procedure related to critical care nursing in nursing laboratories.
- D2. Design all clinical conference reacted to complication disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.

3. Course Contents

Week	Topics
1 st week	Nursing management of respiratory disorders
2 nd week	Nursing management of cardio vascular disorders
3 rd week	Nursing management of gastrointestinal disorders
4 th week	Nursing management of metabolic and endocrine disorders
5 th week	Fluid and electrolyte
6 th week	Related terminology for disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient
7 th week	Nursing diagnosis associated with acute disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
8 th week	All principles of asepsis when contact with patient disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, stroke, critical ill patient.
9 th week	Clinical signs for patient with acute disorders in respiratory, cardio vascular, gastrointestinal, metabolic

	and endocrine, trauma, critical ill patient.
10 week	Clinical procedure for patient with acute disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, critical ill patient.
11 th week	All clinical conference reacted to disorders in respiratory, cardio vascular, gastrointestinal, metabolic and endocrine, trauma, critical ill patient.

4. Teaching and Learning Methods

- 4.1- Lecture.
- 4.2- Small group discussion.
- 4.3- Lecture notes (Hand out)
- 4.4- Learning activity.
- 4.5- Demonstration and in nursing laboratories.
- 4.6- Case presentation.
- 4.7- Individual and group conference.

5. Student Assessment

Assessment Method	Assessment Length	Schedule	Proportion
Written Examination		15 TH week	
Oral Assessment		14 week	
Practical Examination		13 week	
Semester work			

6. List of references

Course notes:

- *Caine, R.M., & Lefcourt, N.D. (1996): Patients with burns. In J.M.*

- Carrougher, G.J. (1998): *Burn care and therapy*. St. louis: Mosby.
- Herndon, d.n. (2002): *Total burn care*. Philadelphia: W.B. Saunders.

Essential Books:

- D'Avanzo, C & Geissler, E. (2003): *Cultural Health Assessment 3rd ed*. Mosby.
- Elkin, M.K., Perry, A.G., & Potter, P.A. (2004): *Nursing Interventions & Clinical Skills 3rd*. Mosby (with accompanying *Skills Performance Checklists text*)
- Ignatavicius, D., Workman, M. & Mishler, M. (2002): *Medical-surgical nursing: a nursing process approach (4th ed.)*. Philadelphia: W. B. Saunders.
- Smeltzer, S.C. & Bare, B.G. (2004): *Brunner ans suddarth's textbook of 10th ed*. Lippincott willams wilking pp. 1250-1309, 1638-1703 1820-1969-2002-2075.
- Smeltzer S.C & Bare B.G (2004): *Management of patients with musculoskeletal trauma, Brunner & suddarth's text book of Medical surgical Nursing. 10th ed*. pp 2075-2105 lippincolt Williams & Wilkins Awolters kluwer company philadephia. London.
- Schoen D. (2002): *Adult orthopedic Nursing*. Philadelphia lippincott Williams & Wilkins.

Serghiou, M.A., Young, E.B., Ott, S., et al. (2002): *Comprehensive rehabilitation of the burned patient*. In D.N. Herndon (Ed.), *total burn care (2d ed.)*. London: W.B. Saunde

7. Facilities required for teaching and learning

7.1-Teaching aids: Audiovisual presentation posters & colored transparencies
video tapes & slides – data show computers.

7.2- Hospital different department (Medical, Surgical, and oncology)

7.3- Laboratory equipment: Nursing laboratory equipment.

	Course Coordinator	Head of Department
Name	Prof.	Prof.
Name (Arabic)	أ. د. أمل محمد احمد	أ. د. أمل محمد أحمد
Signature		
Date		
