

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Emergency Medicine (0606114)
Course number	MEDI6271
Faculty	
Department	
Course type	Major Needs
Course level	6
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - This course introduces basic emergency medical care. Topics include preparatory, airway, patient assessment, medical emergencies, trauma, infants and children, and operations. Upon completion, students should be able to demonstrate the skills necessary to achieve North Carolina State or National Registry EMT-Basic certification
- 2 - Identify the common mechanisms of injury associated with trauma
- 3 - Based on the assessment data, identify appropriate nursing diagnosis and expected outcomes for the trauma patient
- 4 - Identify the appropriate interventions for patients with trauma
- 5 - Identify the mechanisms for evaluating the effectiveness of nursing interventions for patients with trauma

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none">* Recognize the importance of the well being of the emergency nurse* Demonstrate understanding of the pre-hospital & in-hospital triage system* Demonstrate understanding of management of disasters/mass casualty incidents (MCI)* Identify the important nursing considerations during inter-facility and intra-facility transport of victim/ patient with emergency conditions* Demonstrate understanding of the important ethical and-legal issues encountered in dealing with victim / patient in emergency condition
Intellectual Skills	<ul style="list-style-type: none">* Analyze the client condition according to triage system* Synthesize critical thinking process when dealing with different types of emergency situations* Recognize the first aid measures and nursing management for patients with trauma in the different body systems* Identify first aid measures & nursing management for patient with the different medical emergencies as gastrointestinal bleeding, allergic hypersensitivity emergencies, toxicological emergencies and environmental emergencies
Professional Skills	<ul style="list-style-type: none">* Demonstrate understanding of effective communication with patients, families and health care team members* Demonstrate understanding of the proper documentation of essential data pertinent to patient/victim condition or trauma* Recognize the importance of supporting the family of victim/patient in emergency

Course Contents

1 - Basics of emergency care
2 - Disaster preparedness
3 - Disaster management
4 - Pre- hospital Triage & Inter- facility transport
5 - In- hospital triage & Intra-facility transport
6 - Basic legal issues
7 - Chest trauma (Bony thorax fracture , pneumothorax , hemothorax & lung injuries
8 - Cardiac and great vessel injury- Miscellaneous thoracic injury
9 - Head injuries
10 - Spinal cord and neck injuries
11 - Abdominal Injuries
12 - Soft tissue & musculoskeletal trauma
13 - Respiratory medical emergencies
14 - Cardiovascular medical emergencies
15 - Neurological medical emergencies
16 - Allergic reaction and anaphylactic shock

Teaching and Learning Methods

1 - Interactive lectures
2 - Audio-visual material
3 - Discussion
4 - Written assignment
5 - Oral presentation
6 - Assigned self reading

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Final Exam (written unseen exam)		100%

Books and References

Course note	Sheehy's manual of emergency care6 th ed.
Essential books	Daniel Limmer ,Michael F. O'keefe. Emergency Care . 10 th ed, Pearson Education, Inc., 2005 Kathleen sanders Jordan, Emergency Nursing Core Cur riculum,5 th ed, Philadelphia, W.B. Saunders company :A division of Harcourt Brace & co mpany,2000.