



Broward Community College

Course Outline

STATUS: ACTIVE

COMMON COURSE NUMBER: NUR2274 (NSP 2715)

COMMON COURSE TITLE: Emergency Nursing

CREDIT HOURS: 4

LECTURE: 64

COURSE DESCRIPTION: This course has been developed to meet the needs of the emergency department or critical care nurse in supplementing basic nursing in the emergency area. Pre-Requisites: Florida RN License, Basic Life Support Course (Healthcare Provider Level).

Co-Requisite: NUR2274L (with a grade of “Satisfactory”)

Term Offered: On Demand

UNIT TITLES:

1. Legal Aspects
2. Cardiovascular
3. Intravenous Placement & Therapy
4. Respiratory Emergencies
5. Physical Assessment
6. Disaster Management & Community Resources
7. Medical Emergencies
8. Orthopedic Emergencies
9. Multiple Trauma
10. Abdominal Emergencies/Genito Urinary Emergencies

LAST REVIEW Academic Year 2004-2005 NEXT REVIEW Academic Year 2009-2010

Interim Revision Dates:

I. Course Overview:

Upon successful completion of this course, the students should be able to demonstrate eligibility for the advanced cardiac life support certification of the American Heart Association and prepared to sit for the CEN examination offered by the Emergency Department Nurses Association.

II. Units:

Unit 1. Legal Aspects

General Outcome:

1.0 The students should be able to identify the legal responsibility of the nurse (RN).

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 1.1 Define malpractice, negligence, and tort.
- 1.2 Identify and define three types of consent.
- 1.3 Discuss the limits of "Standards of Care for Emergency Nursing" and list the types of cases that require mandatory report to authorities in their state or locale.
- 1.4 Identify how to properly store and identify possible evidence.
- 1.5 Discuss the importance of the medical record.

Unit 2. Cardiovascular

General Outcome:

2.0 The students should be able to assess, plan, implement, and evaluate care of emergency cardiac patient.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 2.1 Recall anatomy and physiology of the cardiovascular system.
- 2.2 Define ACLS and drug protocols as recommended by the American Heart Association.
- 2.3 Assess patients with cardiac medical emergencies.
- 2.4 Plan and correlate diagnostic data as related to the patient problem.

- 2.5 Implement and record appropriate nursing interventions consistent with problems, priorities, and resources.
- 2.6 Evaluate effectiveness of nursing care.
- 2.7 Initiate the nursing process in cardiac trauma emergencies.
- 2.8 Plan and correlate data and diagnostic findings related to cardiac trauma emergencies.
- 2.9 Implement and record appropriate nursing intervention consistent with problems, priorities and resources.
- 2.10 Evaluate effectiveness of nursing care.
- 2.11 Initiate the nursing process in vascular emergencies.
- 2.12 Plan and correlate data and diagnostic findings to define patient problems.
- 2.13 Implement and record appropriate nursing intervention consistent with problems, priorities and resources.
- 2.14 Evaluate effectiveness of nursing care.
- 2.15 Assess the client.
- 2.16 Identify cardiac and respiratory signs and symptoms of life threatening emergencies.

Unit 3. Intravenous Placement & Therapy

General Outcome:

- 3.0 The students should be able to demonstrate safe proficiency in the use of fluid lines.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 3.1 Carry out a general overview examination of the patient with fluid and electrolyte imbalance.
- 3.2 Identify the signs and symptoms of patients with fluid and electrolyte imbalance.
- 3.3 Discuss the criteria for use of an arterial line.
- 3.4 Identify the criteria for use of a C.V.P. line.
- 3.5 Describe the criteria for use of a subclavian & peripheral line.
- 3.6 Identify equipment needed in variety of intravenous placement.

Unit 4. Respiratory Emergencies

General Outcome:

- 4.0 The students should be able to assess, plan, implement, and evaluate care of the emergency respiratory patient.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 4.1 Describe a health history appropriate for a patient with a respiratory emergency.
- 4.2 Differentiate between normal and abnormal findings on lab studies appropriate to the patient with respiratory emergencies.
- 4.3 Identify the stress factors acting on the patient with a respiratory emergency.
- 4.4 Analyze the patient's behavioral responses to the situation.
- 4.5 Describe patient problems as identified in assessment data.
- 4.6 Interpret assessment data on the basis of a scientific rationale.
- 4.7 Identify the learning needs of patient and family.
- 4.8 Set nursing care priorities consistent with assessment data.
- 4.9 Identify appropriate nursing interventions, consistent with assessment data, priorities, and available resources.
- 4.10 Make appropriate modifications in the patient care plan consistent with the perceived needs and condition of the patient.
- 4.11 Record interventions.
- 4.12 Identify signs and symptoms of respiratory emergencies:
 - A. Asthma
 - B. C.O.P.D.
 - C. Emphysema
 - D. Trauma
 - E. Frail chest
 - F. Drowning

Unit 5. Physical Assessment

General Outcome:

- 5.0 The students should be able to demonstrate proficiency in doing a physical assessment on an emergency patient.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 5.1 Carry out a general overview examination based on the chief complaint.
- 5.2 Define the underlying principles in the use of physical assessment techniques.
- 5.3 Describe a health history appropriate for the purpose of triage and in depth assessment.
- 5.4 Identify gross normal parameters.
- 5.5 Interpret normal findings and purpose of lab studies.
- 5.6 Interpret normal findings and purpose of x-ray studies.

- 5.7 Identify the stress factors influencing the responses of the patient, family and others.
- 5.8 Analyze the patient's behavioral responses to the situation.
- 5.9 Define the patient's problems on the basis of assessment data.
- 5.10 Distinguish between normal and abnormal findings found on physical examination of the patient.
- 5.11 Record assessment data.
- 5.12 Analyze legal responsibilities and liabilities relative to nursing participation in assessment and triage of emergency patients.
- 5.13 Establish care priorities according to the patient problems and available resources.
- 5.14 Communicate assessment data to team members for modification of their activities.
- 5.15 Communicate assessment data to team members for modification of their activities.
- 5.16 Modify triage priorities based on evaluation criteria and assessment data.
- 5.17 Describe soap - charting criteria.

Unit 6. Disaster Management & Community Resources

General Outcome:

- 6.0 The students should be able to develop a disaster plan.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 6.1 Establish and define goals of disaster planning.
- 6.2 Evaluate current status of ED operation by category.
- 6.3 Determine priorities of disaster management.
- 6.4 Determine achievement of goals and frequency of disaster drills for particular phase or institution.
- 6.5 Discuss the central dispatch center's function.

Unit 7. Medical Emergencies

General Outcome:

- 7.0 The students should be able to accurately assess the signs and symptoms of common medical emergencies.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 7.1 Identify the signs and symptoms associated with diabetic emergencies.
- 7.2 Identify the signs and symptoms associated with unconscious patients.
- 7.3 Identify the signs and symptoms associated with anaphylactic shock.
- 7.4 Identify the signs and symptoms associated with overdose.
- 7.5 Describe the immediate management of hyperthyroidism and metabolic diseases.
- 7.6 Explain anaphylaxis and describe the palliate management.

Unit 8. Orthopedic Emergencies

General Outcome:

- 8.0 The students should be able to accurately assess the signs and symptoms of common orthopedic emergencies.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 8.1 Assess and record physical signs and symptoms associated with presenting problems.
- 8.2 Describe a health history appropriate for the client with orthopedic problems.
- 8.3 Correlate assessment data and diagnostic findings to define the client's problems.
- 8.4 Initiate appropriate diagnostic and therapeutic interventions.
- 8.5 Identify signs and symptoms of orthopedic emergencies.
- 8.6 Demonstrate proficiency in assessment, identification of injuries, application of skills and documentation of selected orthopedic problems.
- 8.7 Identify the signs and symptoms and nursing intervention in: sprains, strains, fractures, abrasions, avulsions.

Unit 9. Multiple Trauma

General Outcome:

- 9.0 The students should be able to identify and assess a patient in shock.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 9.1 Obtain pertinent initial diagnostic data utilizing interview and physical assessment skills and record the same.
- 9.2 Identify the pathophysiology of and nursing intervention for the patient in shock.

- 9.3 Make immediate decisions to modify nursing interventions based on continuous assessment of patient status.
- 9.4 Correlate diagnostic and assessment data to define patient problems and initiate nursing intervention.
- 9.5 Carry out a general overview examination for the patient with multiple injuries.
- 9.6 Identify the signs and symptoms of patients with multiple trauma.

Unit 10. Abdominal Emergencies/Genito Urinary Emergencies

General Outcome:

- 10.0 The students should be able to accurately assess the signs and symptoms of common abdominal genito urinary emergencies.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 10.1 Assess and record physical signs and symptoms associated with presenting problems.
- 10.2 Describe a health history appropriate for the patient with genitourinary problems.
- 10.3 Correlate assessment data and diagnostic findings to define client problems.
- 10.4 Initiate appropriate diagnostic and therapeutic interventions.
- 10.5 Identify the signs and symptoms of Ob/Gyn emergencies, abdominal emergencies, and genitourinary emergencies.

Special Student Projects:

Emergency Article Critique:

1. Read an recent periodical article dealing with emergency care.
2. Write a brief critique of the article using this format: author, title of article, name of periodical volume, date of publication, page of article, critique of article.
3. Turn in to your instructor a xerox copy of the article along with the critique.