

Course Description

This one-day lecture is designed to provide the critical-care nurse with a review of AACN's core curriculum. Provided in a lecture format, the instructor will review anatomy and physiology, physical assessment (including utilization of non and invasive assessment tools) and pathophysiology in a systems approach. Topics that are discussed include cardiac, pulmonary, neurological, renal, endocrine, hematological, gastrointestinal, psychological and legal aspects of care. This review is not an introduction to the environment of the critical-care area but a comprehensive and quick review for the professional already in practice at the critical care bedside and preparing for the CCRN Certification Exam.

Key Learning Outcome

- After completing the program, 80% of participants will report an increase in knowledge and confidence necessary to pass the certification exam.

Program Objectives

This program prepares the learner to:

- Discuss and practice test-taking skills.
- Review critical-care nursing assessment skills both non-invasive and invasive.
- Review critical anatomy, physiology and pathophysiology of each adult system.
- List and discuss appropriate diagnostic tools for the identification of critical-care complications.
- Analyze patient conditions and devise current evidence-based treatment protocols.

Agenda

Sign-in begins at 7:30 am. The day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

8:00 am to 5:00 pm

Welcome

CCRN Requirements | Practice Questions

Hematology System

Bleeding and Clotting Cascade | Platelet Function | DIC and Nursing Considerations | Blood Products and Resuscitation | Q&A

Cardiac System

Basic Concepts | Coronary Artery Disease | Heart Failure | Aortic Dissection and Treatment | Q&A

Endocrine System

Diabetes Insipidus | SIADH | Diabetes | Ketoacidosis | HHS | Lab Findings | Q&A

Gastrointestinal System

GI Bleeding | Resuscitation Interventions | Esophageal Varices | Pancreatitis | Intra-Abdominal Hypertension | Perforation of the Esophagus | Nursing Interventions | Whipple Procedure

Neurological System

Psychosocial | Driving Pressures | Assessment of Neurological System | Stroke | Nursing Assessment | ACLS Protocols | Identification of Types of Seizure Activity and Treatments | Spinal-Cord Injury and Nursing Care | Spinal-Shock Assessment and Treatment | Pain, Agitation and Delirium | Dementia | PTSD | Q&A

Renal System

Acute Renal Failure | Electrolytes | Q&A

(continued)

(continued)

Pulmonary System

Quick Review of Ventilation/Perfusion Concepts | ABG and End Tidal CO₂ Assessments | Lung Abnormalities | Focus on Ventilator Nursing Care and ICU Liberation Protocol | Q&A

Multisystem Review

Hypovolemic Shock | Cardiogenic Shock | Distributive and/or Vasogenic Shock | Anaphylactic Shock | Sepsis and Neurological (Spinal) Shock | Nursing Identification and Treatment | Q&A

Accreditation

RN/LPN/LVN/Other: 7.5 Contact Hours

Includes 2 Pharmacology Contact Hours

MED-ED, Inc is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation (**ANCC**).

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 50-1286, **Iowa**/296, **California** #CEP10453.

If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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