

Course Description

This course provides a comprehensive review of emergency and flight nursing concepts to help participants prepare for the Certified Emergency Nurse (CEN®) and Certified Flight Registered Nurse (CFRN®) Exams. Through focused lectures, visual learning resources and practice questions, participants will review key content areas covered on the CEN and CFRN Exams. In addition to strengthening foundational emergency and flight nursing knowledge, the course emphasizes effective test-taking strategies, question interpretation and identification of areas for further study to support participants as they work toward certification.

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:

- Demonstrate readiness for the CEN and CFRN Exams through application of clinical knowledge and test-taking skills.
- Apply emergency and flight nursing principles to patient-care scenarios representative of the CEN and CFRN Exams.
- Review professional issues, including legal and regulatory guidelines, ethics, triage, stabilization and disaster preparedness.
- Review the assessment and management of cardiovascular, respiratory, neurological, gastrointestinal, genitourinary, obstetrical, medical, musculoskeletal, integumentary, toxicological, environmental, mental health and trauma emergencies.

Agenda

Sign-in begins at 7:30 am. Each 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.

Day 1, 8:00 am to 5:00 pm

CEN/CFRN

CEN Exam Process

Application | Certification and Recertification | Review of Exam | Test-Taking Skills

Professional Issues

Prioritization | Legal and Ethical Issues | Evidence-Based Practice and Research | Critical-Incidence Stress Management | Ethics

Shock

Hypovolemic | Cardiogenic | Obstructive | Distributive

Neurological Emergencies

Cranial Nerves | Headaches | Stroke | Disorders | Head and Spinal Trauma

Environmental Emergencies

Heat-and-Cold-Related Illness | Burns | Submersion and Diving Injuries | Bites and Stings

Toxicological Emergencies

Toxidromes | Acetaminophen | Carbon Monoxide | Aspirin | Cyanide

Medical Emergencies and Communicable Disease

Communicable | Endocrine | Hematological | Electrolyte Disturbances

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Day 2, 8:00 am to 5:00 pm

CEN/CFRN

Respiratory Emergencies

Asthma | COPD | Pneumonia | PE | ARDS | Childhood Illnesses | Chest Trauma | Blood Gas Analysis

Cardiovascular Emergencies

Coronary Artery Disease (CAD) | Other Disorders | Vascular Diseases | Cardiac Trauma | Hemodynamic Monitoring

Gastrointestinal Emergencies

GI Tract Disorders | Pediatric-Specific | Traumatic Injuries to the Abdomen

GU, OB, GYN Emergencies

Disorders | Obstetrical Complications | Emergency Delivery | Sexual-Assault Care | GU Trauma

Musculoskeletal and Wound Emergencies

Injuries to Bones and Joints | Medical Issues | Wounds

HEENT Emergencies

Ocular | Ear | Nasal | Mouth and Throat | Facial Trauma and Disorders

Mental Health Emergencies

Anxiety Disorders | Psychotic Disorders | Affect Disorders | Substance Abuse | Maltreatment and Abuse | Therapy Complications

Day 3, 8:00 am to 5:00 pm

CFRN Only

CFRN Exam Process

Application | Certification and Recertification Requirements | Review of Exam | Test-Taking Strategies

Flight and Transport Physiology

Gas Laws | Stresses of Transport

Advanced Monitoring and Management

Lab Analysis | Hemodynamic Monitoring | Cardiac-Assist Devices

Advanced Airway Management and Invasive Procedures

Core Skills | Pharmacology Review | Invasive and Non-Invasive Ventilation | Capnography | Pneumo/Hemothorax Management | Management of Pericardial Tamponade

Transport Considerations and Safety

Regulations | Operational Safety

Special Populations

Infection Prevention | Trauma | OB | Neonates and Pediatrics | Bariatric | Prisoners and Mental Health Patients

Pharmacology Review and Practice Questions

Analgesia and Sedation Medications | CV Medications | CFRN Practice Questions

Accreditation

RN/LPN/LVN/Other: 15 Contact Hours (Two Days Attendance)
22.5 Contact Hours (Three Days Attendance)
(Includes 3 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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