



FP-C Prep Class Approval Guidelines

All candidates renewing their FP-C are required to have a minimum of 16 hours of CE from an approved FP-C prep class.

The outline below is a sample of an approved course outline. The BCCTPC does not dictate the specific categories or hours to a subject matter. The content and hours should instead cover a broad subject matter of critical care in the transport environment.

Organizations requesting approval as a “prep class provider” should submit the following information:

- Name of organization, location of course
- Application letter from Program Director or Management outlining why they should be approved to teach this course
- Content outline
- Letter of support from the Medical Director
- Copy of Medical Directors resume
- List all faculty for the class and a copy of resume’
- Proposed course dates

FP-C EXAM OUTLINE OF MAJOR SUBJECTS

Safety Issues

- Part 135 safety issues
- Flight stress
- Aircraft Operations- fixed and rotary wing
- Crash safety
- Survival issues
- Proper safety gear

CAMTS: Candidates should be familiar with all CAMTS policies such as:

- Flight following standards.
- Proper flight crew uniforms and protective equipment.
- Minimum crew training and staffing standards.

Airway

- Rapid Sequence Induction inclusive of standard medications.
- Intubation and other airway procedures.
- Surgical cricothyroidotomy, needle cricothyroidotomy
- Airway medications and their uses, limitations, and contraindications.

Acid-Base Balance

- Regulation of acid-base balance
- Acid-base derangements

OB/GYN

- Fetal circulation
- Maternal complications such as Pregnancy Induced Hypertension.
- Delivery Complications
- Maternal Medications

Trauma

- Administration of blood products
- Fluid replacement
- Injury Dynamics and Predictable Patterns
- Define Newton's 1st law.
- Predictable patterns of injury due to mechanisms.
- Many questions are scenario based with multiple stem questions.

Respiratory

- Critical levels of arterial blood gases
- Ventilator settings and parameters
- Equipment, uses and troubleshooting
- Managing the rapidly deteriorating patient condition.

Thoracic

- Signs and symptoms of early versus late cardiac tamponade.
- Procedures pertaining to thoracic injuries.
- Needle thoracentesis, pericardiocentesis, thoracostomy tube placement, etc.
- Treatment and signs and symptoms of cardiac tamponade, tension pneumothorax, hemothorax, etc.

Neuro

- Treatment and recognition of elevated intracranial pressure, cerebral bleeds, etc.
- Neuroprotective agents, vasoactive agents, loop diuretics, etc. and their uses, limitations, and contraindications.
- Differentiation of signs and symptoms of different head injuries, ICP, cerebral perfusion pressures.
- Mechanism of Injury and head injury dynamics.

Cardiac

- Knowledge of cardiovascular disease and cardiac anomalies.
- 12 lead EKG's
- Cardiac Anatomy/Physiology
- Cardiac Pharmacology
- Thrombolytic therapy
- A basic understanding of intra-aortic balloon pump (IABP) mechanics and troubleshooting/contraindications.
- Basic hemodynamic monitoring
- Arterial lines and air transport
- Pacing, synchronized cardioversion, defibrillation, and drugs

Pediatric and Neonatal

- **Pediatric and Neonatal resuscitation**
- **Physiological differences**
- **Pharmacology**
- **Pediatric assessment**
- **Respiratory and Airway differences**
- **Common Injuries**
- **Anatomical differences**
- **Pediatric psychosocial issues**
- **Non-accidental trauma**
- **Orthopedic injuries**
- **Isolette use**

Flight Physiology

- **Knowledge of the gas laws and their effect on patients**

Stress

- **Recognizing substance abuse and related issues**
- **Coping with death and dying**
- **Interpersonal relationships**
- **Equipment failures**



Send Submissions To:

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