



**Fundamental Critical Care Support
Sample Agenda Option C**

Modules to Complete Online Before Attending Course	
24 min	Airway Management
16 min	Cardiopulmonary/Cerebral Resuscitation
27 min	Acute Coronary Syndrome
25 min	Management of Life-Threatening Electrolyte and Metabolic Disturbances
29 min	Life-Threatening Infections: Diagnosis and Antimicrobial Therapy Selection
27 min	Critical Care in Pregnancy (optional)
22 min	Ethics in Critical Care Medicine (optional)
29 min	Surgery in Critical Care (optional)

DAY 1	
7:00 a.m. – 7:15 a.m.	Welcome and Course Announcements FCCS Overview
7:15 a.m. – 7:45 a.m.	Recognition and Assessment of the Seriously Ill Patient <ul style="list-style-type: none"> Recognize the early signs and symptoms of critical illness
7:45 a.m. – 8:30 a.m.	Diagnosis and Management of Acute Respiratory Failure <ul style="list-style-type: none"> Summarize management principles of acute respiratory failure
8:30 a.m. – 9:15 a.m.	Mechanical Ventilation I <ul style="list-style-type: none"> Describe the characteristics of different types of breaths and modes of mechanical ventilation (noninvasive and invasive)
9:15 a.m. – 10:00a.m.	Mechanical Ventilation II <ul style="list-style-type: none"> Review guidelines for initial ventilator management strategies in specific clinical situations
10:00 a.m. – 10:15 a.m.	BREAK
10:15 a.m. – 11:00 a.m.	SKILL STATION: Mechanical Ventilation I <ul style="list-style-type: none"> Describe indications for initiation of mechanical ventilation Modify the ventilator prescription in response to patient data
11:00 a.m. – 11:45 a.m.	SKILL STATION: Noninvasive Positive Pressure Ventilation (NPPV) <ul style="list-style-type: none"> List diagnoses for which NPPV may be appropriate therapy List characteristics of patients who are good candidates for NPPV Discuss contraindications to NPPV Describe techniques to facilitate patient acceptance of NPPV Summarize monitoring requirements for a patient treated with NPPV
11:45 a.m. – 12:45 p.m.	LUNCH
12:45 p.m. – 1:15 p.m.	Monitoring Oxygen Balance and Acid-Base Status <ul style="list-style-type: none"> Outline the determinants of oxygen balance

	<ul style="list-style-type: none"> Explain the use of oxygenation and acid-base status as a monitor in the seriously ill patient
1:15 p.m. – 2:00 p.m.	Diagnosis and Management of Shock <ul style="list-style-type: none"> Discuss management strategies for the critically ill or injured patient in shock
2:00 p.m. – 2:30 p.m.	Special Considerations <ul style="list-style-type: none"> Discuss prevention, early recognition, and management of common problems in critically ill patients, including thromboembolic events, severe gastrointestinal hemorrhage, poisoning, and temperature-related illness or injury
2:30 p.m. – 2:45 p.m.	BREAK
2:45 p.m. – 3:30 p.m.	SKILL STATION: Mechanical Ventilation II <ul style="list-style-type: none"> Describe the approach to a high-pressure alarm Practice ventilation adjustments in response to changes in patient status
3:30 p.m. – 4:15p.m.	SKILL STATION: Noninvasive Positive Pressure Ventilation (NPPV) <ul style="list-style-type: none"> List diagnoses for which NPPV may be appropriate therapy List characteristics of patients who are good candidates for NPPV Discuss contraindications to NPPV Describe techniques to facilitate patient acceptance of NPPV Summarize monitoring requirements for a patient treated with NPPV
4:15 p.m. – 4:30 p.m.	WRAP-UP DAY 1

DAY 2	
7:30 a.m. – 7:45 a.m.	Welcome and Announcements
7:45 a.m. – 8:30 a.m.	Neurologic Support <ul style="list-style-type: none"> Review specific management principles and options for common neurologic emergencies
8:30 a.m. – 9:15 a.m.	Basic Trauma and Burn Support (may omit if all participants have taken ATLS course) <ul style="list-style-type: none"> Prioritize timely assessment of trauma patients Identify principles of early burn management
9:15 a.m. – 10:30 a.m.	SKILL STATION: Integrated Airway Management and Hemorrhagic Shock Scenario <ul style="list-style-type: none"> Discuss the goals of resuscitation in a patient with shock List procedures for the management of hemorrhagic shock Identify alternate solutions for the management of intubation of a patient with a difficult airway
10:30 a.m. – 10:45 a.m.	BREAK
10:45 a.m. – 11:30 a.m.	SKILL STATION: Integrated Severe Sepsis A Scenario <ul style="list-style-type: none"> Recognize early sepsis Describe the steps needed to manage and stabilize a patient with sepsis Outline appropriate fluid management for a patient with sepsis Select laboratory studies and interpret the results for a patient with sepsis Discuss the management of a patient with sepsis and organ dysfunction Discuss initial mechanical ventilation support for a patient with sepsis Discuss hemodynamic instability in a patient with sepsis Discuss basic ventilator support in a patient with sepsis Discuss ventilator support in the setting of acute respiratory distress syndrome

	<ul style="list-style-type: none">• Recognize atrial fibrillation and management in a hemodynamically unstable patient
11:30 a.m. – 11:45 a.m.	WRAP-UP DAY 2