

Fundamental Critical Care Support
Sample Course Schedule

Day 1			
7:00 am – 7:25 am	Registration / Pretest (participants must hand in pretest at this time)		
7:25 am – 7:30 am	Welcome, Course Announcements, and FCCS Overview		
7:30 am – 8:00 am	Recognition and Assessment of the Seriously Ill Patient <u>Objective:</u> Recognize the early signs and symptoms of critical illness		
8:00 am – 8:45 am	Diagnosis and Management of Acute Respiratory Failure <u>Objective:</u> Summarize management principles of acute respiratory failure		
8:45 am – 9:30 am	Mechanical Ventilation I <u>Objective:</u> Describe the characteristics of different types of breaths and modes of mechanical ventilation (noninvasive and invasive)		
9:30 am – 10:15 am	Mechanical Ventilation II <u>Objective:</u> Review the guidelines for the initial ventilator management strategies in specific clinical situations		
10:15 am – 10:30 am	Break		
10:30 am – 11:15 am	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #d3d3d3; text-align: center; vertical-align: middle;">Skill Stations</td> <td> <p>A. Mechanical Ventilation I <u>Objectives:</u> Describe the indications for initiation of mechanical ventilation Modify the ventilator prescription in response to patient data.</p> <p>B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV Practice techniques of NPPV</p> </td> </tr> </table>	Skill Stations	<p>A. Mechanical Ventilation I <u>Objectives:</u> Describe the indications for initiation of mechanical ventilation Modify the ventilator prescription in response to patient data.</p> <p>B. Noninvasive Positive Pressure Ventilation (NPPV) <u>Objectives:</u> Assemble the equipment necessary for NPPV Practice techniques of NPPV</p>
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11:15 am – 12:00 pm	Repeat Skill Stations		
12:00 pm – 1:00 pm	Lunch		
1:00 pm – 1:45 pm	Monitoring Oxygen Balance and Acid-Base Status <u>Objectives:</u> Outline the determinants of oxygen balance Explain the use of oxygenation and acid-base status as a monitor in the seriously ill patient		
1:45 pm – 2:30 pm	Diagnosis and Management of Shock <u>Objective:</u> Discuss management strategies for the critically ill or injured patient in shock		
2:30 pm – 2:45 pm	Break		
2:45 pm – 3:30 pm	Life-Threatening Infections: Diagnosis and Antimicrobial Therapy Selection <u>Objectives:</u> Identify systemic and site-specific clinical manifestations of life-threatening infections, including the uses of clinical laboratory tests Apply principles of antimicrobial treatment for empiric therapy and for specific infections		
3:30 pm – 4:15 pm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #d3d3d3; text-align: center; vertical-align: middle;">Skill Stations</td> <td> <p>A. Mechanical Ventilation II <u>Objectives:</u> Describe the approach to the patient with a high pressure alarm Practice ventilation adjustments in response to changes in patient status</p> <p>B. Integrated Skill Station 1 <u>Objectives:</u> Use case-based scenario to discuss appropriate assessment and management of the patient experiencing multisystem alterations</p> </td> </tr> </table>	Skill Stations	<p>A. Mechanical Ventilation II <u>Objectives:</u> Describe the approach to the patient with a high pressure alarm Practice ventilation adjustments in response to changes in patient status</p> <p>B. Integrated Skill Station 1 <u>Objectives:</u> Use case-based scenario to discuss appropriate assessment and management of the patient experiencing multisystem alterations</p>
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4:15 pm – 5:00 pm	Repeat Skill Stations		

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Day 2			
7:30 am – 8:00 am	Review of Pretest		
8:00 am – 8:45 am	Acute Coronary Syndromes (may omit if all participants are ACLS providers) <u>Objectives:</u> Identify characteristics of patients with acute coronary syndromes with different electrocardiographic and clinical presentations. Recognize the complications of myocardial infarction and outline appropriate management		
8:45 am – 9:30 am	Neurologic Support <u>Objective:</u> Review specific management principles and options for common neurologic emergencies		
9:30 am – 9:45 am	Break		
9:45 am – 10:30 am	Management of Life-Threatening Electrolyte and Metabolic Disturbances <u>Objectives:</u> Discuss common electrolyte disturbances, their recognition and management in critically ill patients Describe management strategies appropriate to common metabolic emergencies, including those related to glucose metabolism		
10:30 am – 11:00 am	Special Considerations <u>Objective:</u> Discuss prevention, early recognition, and management of common problems among critically ill patients, including thromboembolic events, severe gastrointestinal hemorrhage, poisoning, and temperature-related illness or injury		
11:00 am – 11:30 am	Critical Care in Pregnancy (optional) <u>Objectives:</u> Describe the physiologic and metabolic alterations unique to pregnancy. Discuss management strategies appropriate to the critically ill or injured pregnant patient		
11:30 am – 12:00 pm	Ethics in Critical Care Medicine (optional) <u>Objectives:</u> Review ethical principles Discuss ethical dilemmas that involve triage, medical futility, do-not-attempt resuscitation orders, and withdrawal of life support in critically ill patients		
12:00 pm – 12:45 pm	Lunch		
12:45 pm – 1:30 pm	Basic Trauma and Burn Support (may omit if all participants have taken ATLS course) <u>Objectives:</u> Prioritize timely assessment of the trauma patient Identify principles of early burn management		
1:30 pm – 2:15 pm	Surgery in Critical Care (optional) <u>Objectives:</u> Review the diagnosis and treatment of pancreatitis and necrotizing soft tissue infections Identify early postoperative anastomotic leak or infection Evaluate and treat abdominal compartment syndrome		
2:15 pm – 3:00 pm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #d3d3d3; text-align: center; vertical-align: middle;">Skill Stations</td> <td> <p>A. Integrated Skill Station 2 <u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations</p> <p>B. Integrated Skill Station 3 <u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations</p> </td> </tr> </table>	Skill Stations	<p>A. Integrated Skill Station 2 <u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations</p> <p>B. Integrated Skill Station 3 <u>Objective:</u> Use case-based scenario to discuss the appropriate assessment and management of the patient experiencing multisystem alterations</p>
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4:00 pm – 5:00 pm	Posttest and Adjourn		