

Welcome,

On behalf of the Critical Care and Trauma Institute Director, Dr. Alison Wilson and Education Chair Dr. Greg Schaefer, congratulations on being selected for this course and welcome to the leading edge of critical care!

This email confirms your registration, your acceptance of the event invite confirms your intent, for the Society of Critical Care Medicine licensed Fundamental Critical Care Support (FCCS) Provider Course, to be held in the Health Sciences Center, STEPS Lab consolidated classrooms A and B on March 7 & 8, 2019. Attached please find your Pretest, Course Handouts, CME Paperwork and Preset Answer Sheet. You will need to come to the CC&TI office to pick up your course book. The office is on the 5<sup>th</sup> floor of the South East tower, off on the right if you follow the right wall off the elevator. If you are unable to pick up your book you need to make arrangements to have it mailed to you.

Sincerely,

*Alison Wilson*

Alison Wilson, MD, FACS  
West Virginia University, Medicine  
Executive Director, Critical Care and Trauma Institute

Sincerely,

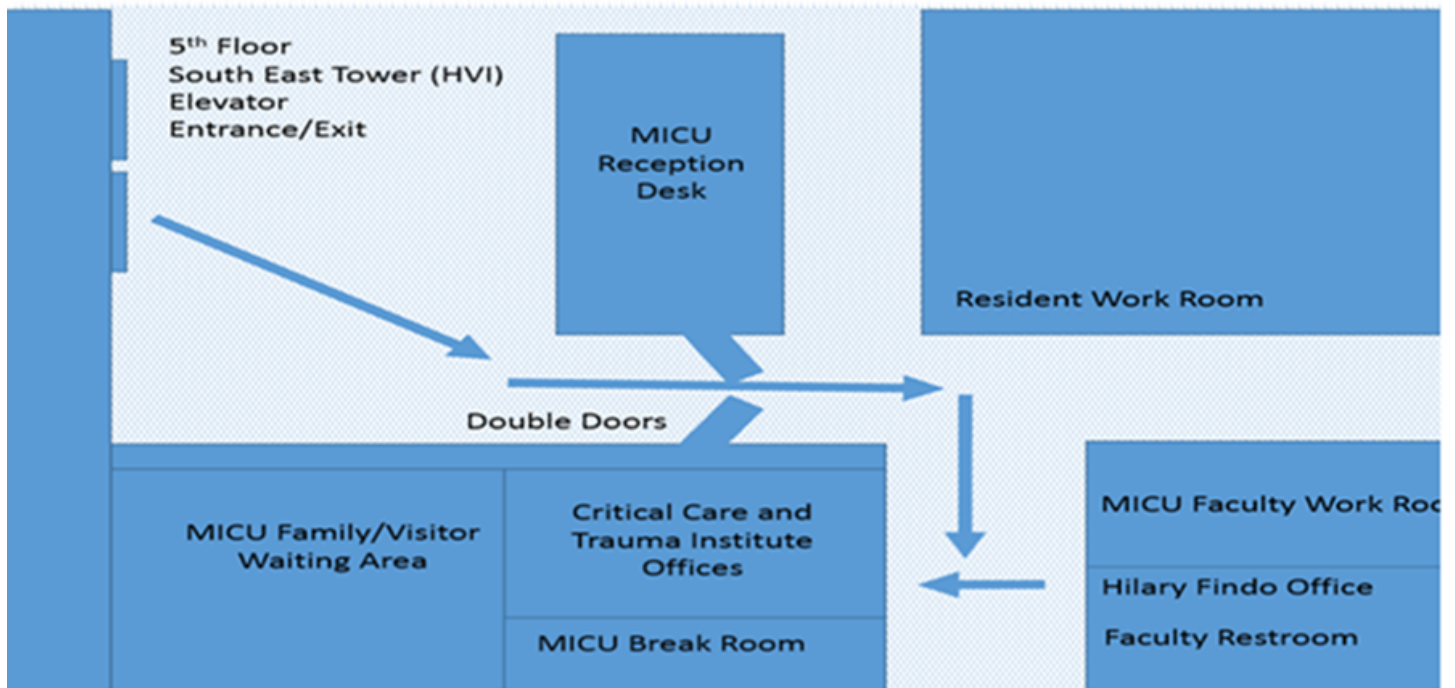
*Gregory Schaefer*

Gregory Schaefer, DO  
West Virginia University, Medicine  
Chair, Education Advisory Committee  
Critical Care and Trauma Institute

**\*\*\*Your Supervisors and or Coordinators have been Courtesy Copied for their information only, they are not to attend but are welcome to visit. \*\*\***

**\*\*\*\*If you do not anticipate being able to attend this course, let me, [tracey.tull@wvumedicine.org](mailto:tracey.tull@wvumedicine.org), know so that I can replace you with someone who can. There is a wait list.\*\*\*\***

The below map are directions on how to get from the SE Tower Elevator to the CC&TI Office. This is where you get your book [NOT where the course is.](#)



**Program Overview:** The FCCS Curriculum is intended to introduce principles important in the initial care of critically ill/injured patients to physicians, physicians-in-training, nurses, and other healthcare providers who may or may not be skilled in critical care but who must care for such patients during early stabilization and in anticipation of the arrival of an intensivist, specialist or pending transfer of the patient to a tertiary center. As such, the course is designed to:

- Better prepare the non-intensivist for the first 24 hours of management of the critically ill patient until transfer or appropriate critical care consultation can be arranged.
- Assist the non-intensivist in dealing with sudden deterioration of the critically ill patient.
- Prepare house staff for ICU coverage.
- Prepare nurses and other critical care practitioners to deal with acute deterioration in the critically ill patient.

**Target Audience:** Fundamental Critical Care Support (FCCS) is designed to prepare health care providers caring for unstable, critically ill or injured patients. Likely participants include:

- Hospitalists caring for potentially unstable, critically ill or injured patients
- Advance Practice Nurses and Physician Assistants with limited responsibility for critically ill patients
- Rapid Response/Medical Emergency Team members
- Critical Care Fellows beginning their training
- Emergency Medicine physicians
- Nurses caring for complex and potentially unstable patients
- Pre-hospital providers with lengthy patient transfer times

**Educational Objectives:** At the conclusion of the program, the participant should be able to:

- Prioritize assessment needs for the critically ill or injured
- Select appropriate diagnostic tests.
- Identify and respond to significant changes in the unstable patient.
- Recognize and initiate management of acute life-threatening conditions.
- Determine the need for expert consultation and/or patient transfer and prepare the practitioner for optimally accomplishing transfer.

**Continuing Education:**

- The WVU School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The WVU Office of CME designates this live activity for a maximum of 13.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- This continuing education activity has been provided by the WVU School of Nursing for 16.2 contact hours. The WVU School of Nursing is an approved provider of continuing education by the State of West Virginia Board of Examiners for Registered Professional Nurses, Legislative Rule #19CSR11-4 under provider number WV-1996-0120RN

**Disclosure:** All those in a position to control content have indicated that they do not have any relevant interests to disclose.

**Funding:** This course is free of charge for employees in the WVUH System. All fees are paid by and through the Department of Surgery and Hospital Administration. We do not reimburse any travel related expenses. You will have to coordinate those with your Manager should you incur any.

**Arrival:** The course will start promptly at 8:00 AM on March 7 & 8, 2019. The classroom area will open at 7:30 AM . Your completed pre-test will be reviewed. Although listed as shorter, you should not plan to be done with the daily course until at least 5:00 PM.

I strongly encourage you to read the textbook before your arrival. Both your knowledge of the contents of the textbook and the information presented during the course will be evaluated on the test.

**Be sure to bring your textbook to the course! No extra copies will be available for you to borrow. Also, please write your name on your textbook.**

**If you are interested in becoming an instructor, note that specific criteria must be met. Please see the attached material and bring the required documents if you wish to become an instructor.**

Thank you again for your interest in the FCCS program. All of the instructors are sure you will find the information challenging and useful in your practice. We look forward to working with you throughout the course.

**Potential Speakers:**

| First Name | Last Name   | Qualification             | Credentials | Job Title  |
|------------|-------------|---------------------------|-------------|--|
| Kathrin    | Allen       | Certified Content Expert  | MD          | Director of Critical Care Management, Assistant Professor                      |
| Daniel     | Grabo       | Certified Content Expert  | MD          | Director of Trauma Education   |
| Uzer       | Khan        | SCCM Certified Instructor | MD          | Trauma Surgery, Associate Program Director General Surgery Residency Program   |
| Karen      | Petros      | Certified Content Expert  | PharmD      | Pharmacy Specialist  |
| Michael    | Russell     | Certified Content Expert  | MD          | Medical Doctor   |
| Matthew    | Smith       | Certified Content Expert  | MD          | Director, Neurocritical Care   |
| Sanam      | Baghshomali | Certified Content Expert  | MD          | Neuro ICU Intensivist  |
| Connie     | DeLa'O      | Certified Content Expert  | MD          | Trauma Surgery   |
| Sarah      | Hadique     | Certified Content Expert  | MBBS        | Pulmonary/CCM Fellowship Program Director                                      |
| Jennifer   | Knight      | Certified Content Expert  | MD          | Trauma Surgery   |
| Mark       | Poling      | Certified Content Expert  | MD          | Medical Doctor   |
| Gregory    | Schaefer    | SCCM Consultant           | DO          | Trauma, Acute Care Surgery, and Surgical Critical Care                         |
| George     | Sokos       | Certified Content Expert  | MD          | Director, Advanced Heart Failure   |
| Chris      | Cook        | Certified Content Expert  | MD          | Program Director, Thoracic Surgery Residency Program; Associate Professor      |
| Jeffrey    | Garavaglia  | Certified Content Expert  | PharmD      | Pharmacy Specialist  |
| Reggie A   | Ours        | Certified Content Expert  | RT          | Clinical Spec Respiratory  |
| Swarna     | Rajagopalan | Certified Content Expert  | MD          | NeuroICU Intensivist   |
| Partho     | Sengupta    | Certified Content Expert  | MD          | Chief, Division of Cardiology  |
| Katherin   | Sproul      | Certified Content Expert  | MD          | Director of Neuro-anesthesia   |
| Robert     | Stansbury   | Certified Content Expert  | MD          | Interim Section Chief  |
| Alison     | Wilson      | SCCM Certified Instructor | MD          | Chief of Division of Trauma, Emergency Surgery & Surgical Critical Care        |
| Pete       | Hornbeck    | Certified Content Expert  | RT          | Clinical Spec Respiratory  |
| James      | Mills       | Certified Content Expert  | MD          | Non-invasive Cardiologist  |
| Owen       | Lander      | Certified Content Expert  | MD          | Attending Physician, Emergency Department; Assistant Professor, Division Chief |
| Steven     | Turley      | Certified Content Expert  | MD          | Assistant Professor – Critical Care Medicine                                   |
| Benjamin   | Lasure      | Certified Content Expert  | MD          | Resident   |
| Lauren     | Dudas       | Certified Content Expert  | MD          | Assistant Professor, Trauma Surgery  |
| James      | Bardes      | Certified Content Expert  | MD          | Assistant Professor, Trauma Surgery  |
| Nicholas   | Brandmeir   | Certified Content Expert  | MD          | Assistant Professor  |
| Rachel     | Leonard     | Certified Content Expert  | MD          | Assistant Professor, School of Medicine  |
| Eric       | Danley      | Certified Content Expert  | RT          | Clinical Specialist  |
| Kristan    | Hornsby     | Certified Content Expert  | MD          | Resident Obs & Gyn   |
| Justin     | Hunsucker   | Certified Content Expert  | MD          | Pulmonary/Critical Care Medicine Fellow  |

|             |          |                          |        |  |
|-------------|----------|--------------------------|--------|--|
| Christopher | Kiefer   | Certified Content Expert | MD     | Associate Professor, Associate Residency Program Director  |
| Nicole      | Kovacic  | Certified Content Expert | PharmD | Pharmacy Specialist  |
| Michaela    | Lamonde  | Certified Content Expert | MD     | Resident   |
| Paul        | McCarthy | Certified Content Expert | MD     | Assistant Professor, Critical Care Medicine; Chief, Division of Critical Care Medicine   |
| Joseph      | Minardi  | Certified Content Expert | MD     | Attending Physician, Emergency Department; Division Chief, Emergency Ultrasound, Ultrasound Fellowship Director, Associate Professor |
| Alexandra   | Reynolds | Certified Content Expert | MD     | Resident; Anesthesiology   |
| Alexandra   | Greco    | Certified Content Expert | MD     | Resident, Pharmacy   |
| Trell       | Stowell  | Certified Content Expert | APP    | APP, Trauma  |
| Rafia       | Zulfikar | Certified Content Expert | MD     | Assistant Professor, Pulmonary/Critical Care Medicine  |

**Additional Administrative Information:**

- Ensure you have completed the pretest prior to arrival at the course.
- The attire for this course is business casual
- You must sign in on both days. How you write your name and place your credentials on the sign in sheet is how your certificate will be written. There will be no modifications after you depart on the second day.
- The books are yours to keep, please write in them and highlight
- The test is not open book
- The Course is held in the Health Science Center (Behind Ruby) in the STEPS Lab, go to the third floor, turn left off the elevator, make a slight right, turn left and it is all the way down the hall in classrooms A&B. As long as you make it to the STEPS lab any of the staff there can get you to the room.

**Student Checklist Prior to Arrival:**

- Receive Pretest
- Receive Preset Answer Sheet
- Receive Course Book
- Receive Course Handouts

(Fill out and print (one sided) all the attachments – All dates should reflect the dates of your course.)

---Take Pretest---

---Review Material----

**Arrive at STEPS at 0745, (No earlier than 0730).**

- Have Completed Pretest Answer Sheet
- Have Pretest
- Have Course Book
- Have Note taking Materials
- Skill Station Documents

**Course Outline:**

| <b>Thursday, September 06, 2018</b> |            |  |
|-------------------------------------|------------|--|
| <b>Start</b>                        | <b>End</b> | <b>Course Syllabus</b>   |
| 7:45 AM                             | 8:00 AM    | Breakfast & Registration   |
| 8:00 AM                             | 8:30 AM    | Recognition and Assessment of the Seriously Ill Patient                          |
| 8:30 AM                             | 9:15 AM    | Diagnosis and Management of Shock  |
| 9:15 AM                             | 10:00 AM   | Monitoring Oxygen Balance and Acid-Base Status                                   |
| 10:00 AM                            | 10:15 AM   | Break  |
| 10:15 AM                            | 10:45 AM   | Trauma & Burn Care   |
| 10:45 AM                            | 11:45 AM   | Airway Management & Diagnosis and Management of Acute Respiratory Failure        |
| 11:45 AM                            | 1:30 PM    | Skills Station III – Recognition and Assessment of the Seriously Ill Patient     |
| 11:45 AM                            | 1:30 PM    | Skills Station II – Integrated Severe Sepsis Scenario A                          |
| 11:45 AM                            | 1:30 PM    | Lunch  |
| 1:30 PM                             | 2:15 PM    | Mechanical Ventilation I & II  |
| 2:15 PM                             | 2:30 PM    | Break  |
| 2:30 PM                             | 4:15 PM    | Skills Station I – Mechanical Vent I & Noninvasive Positive Pressure Ventilation |
| 2:30 PM                             | 4:15 PM    | Skills Station I – Mechanical Vent II  |
| 2:30 PM                             | 4:15 PM    | Pre-Test Review  |
| <b>Friday, September 07, 2018</b>   |            |  |
| 7:45 AM                             | 8:00 AM    | Breakfast  |
| 8:00 AM                             | 8:30 AM    | Cardiopulmonary & Cerebral Resuscitation   |
| 8:30 AM                             | 9:15 AM    | Neurologic Support   |
| 9:15 AM                             | 9:45 AM    | Acute Coronary Syndrome  |
| 9:45 AM                             | 10:00 AM   | Break  |
| 10:00 AM                            | 10:45 AM   | Life-threatening Infections: Diagnosis and Antimicrobial Therapy Selection       |
| 10:45 AM                            | 11:30 AM   | Special Considerations   |
| 11:30 AM                            | 1:15 PM    | Skills Station III – Integrated Traumatic Brain Injury Scenario                  |
| 11:30 AM                            | 1:15 PM    | Skills Station II – Integrated Airway Management and Hypovolemic Shock Scenario  |
| 11:30 AM                            | 1:15 PM    | Lunch  |
| 1:15 PM                             | 1:45 PM    | Critical Care in Pregnancy   |
| 1:45 PM                             | 2:30 PM    | Management of Life-threatening Electrolyte and Metabolic Disturbances            |
| 2:30 PM                             | 2:45 PM    | Break  |
| 2:45 PM                             | 3:45 PM    | Exam   |

**Meals Information:**

\*\*If there are any food allergies or restrictions (Vegan/Vegetarian/Religious) I need to be aware please let me know prior to the start of the class.

Please review the food selections below and let me know if you need a separate item due to religion, food beliefs or allergies.

**Lunch for Day 1**

Flour Tortilla  
Shredded Lettuce  
Diced Tomatoes  
Red Onions  
Jalapenos  
Corn and Black Bean Salsa  
Shredded Cheddar Cheese  
Fajita Chicken  
Spanish Rice  
Mild Salsa – (Fiesta Dips)  
Sour Cream – (Fiesta Dips)  
Guacamole (Fiesta Dips)  
Varied Soda and Water

**Lunch for Day 2**

Garlic Bread Sticks  
Cinnamon Pulls  
Tossed Salad  
Roasted Red Pepper Pizza  
T-Rex Pizza  
Vegetarian Pizza  
Pepperoni Pizza  
Varied Soda and Water

