

**CENTRAL TEXAS COLLEGE
SYLLABUS FOR EMSP 2458
Critical Care Paramedic Course**

**Semester Credit Hours: 4
96 Contact Hours-3 Lecture/3 Lab**

INSTRUCTOR: _____
OFFICE HOURS: _____

I. INTRODUCTION

Course Description: Prepares healthcare personnel to function as members of a critical care transport team.

- A. This course is not a required course in the EMSP AAS degree, however it will be taught to comply with WECM CIP 51.0904 EMSP 2458 Critical Care Paramedic.
- B. Prerequisites:
 - 1. Two years experience in an active 911 system as a paramedic.
 - 2. Paramedic certification or licensure valid through out the end date of the course; **or** Registered Nurse with at least two years emergency or ICU experience, or a combined two years of EMS and ER/ICU.
 - 3. Current ACLS certification, and current PRPP/PALS/Pedi-BTLS (One)

This course is occupationally related and serves as preparation for jobs in prehospital care.

- C. **Secretary's Commission on Achieving Necessary Skills (SCANS) and Differentiated Entry Level Competencies (DELIC)**

Alphanumeric coding used throughout the syllabus denotes the integration of SCANS occupational competencies (C) and foundation skills (F).

II. Learning Outcomes

Upon successful completion of the course, Critical Care Paramedic EMSP 2458, the student will:

- 1. Demonstrate proficiency in the special needs of critical patients during transport; become familiar with the purpose and mechanisms of hospital procedures and equipment; and develop the skills to maintain the stability of hospital equipment and procedures during transport. **(C1,3,4,18,19,20)**
(F5,6,7,8,9,13)

2. Demonstrate the ability to comprehend, apply, analyze, and evaluate information relevant to their role as a critical care paramedic. **(C5,6,7) (F8,9,10,12)**
3. Demonstrate technical proficiency in all advanced skills to include but not limited to the following: advanced and difficult airway management, managing vent patients, IV therapy, advanced drug use, EKG 12 lead Rhythm analysis, IV pump therapy, advanced IV access techniques, and managing the Intensive care patient. **(C18,19,20) (F11,12)**
4. Exhibit affective qualities and personal behavior characteristics of a critical care paramedic. **(C9,10,11,13,14) (F1,2,3,4,5,6,13,14,15,16,17)**
5. Communicate professionally with patient, team members, and hospital personnel. **(C7,11) (F5,6)**
6. Assume the responsibility of self-development as a member in the profession of prehospital care and the leadership role of an advanced skills crew member. **(C4,12) (F8,11,16)**
7. Practice within the legal and ethical limits of the Critical Care Paramedic, recognizing that many times you practice above the accepted paramedic level and must think in an advanced manner. **(C13,14) (F8,9,13,17)**
8. At the completion of this course, the student will be able to recognize a patients critical needs, safely manage critical care patients in or out of the hospital, and initiate care that will be continued through the hospital stay. **(C4,11,12) (F9,12)**

III. INSTRUCTIONAL MATERIALS

The instructional materials identified for this course are viewable through www.ctcd.edu/books

IV. COURSE REQUIREMENTS

A. Reading Assignments:

In preparation for any unit of study, it is suggested that the student first read the objectives and then the assigned required reading.

B. Class Attendance:

This course is an advanced course study. Every effort will be made to be as flexible as possible to complete coursework, however, deadlines will be given to complete certain assignments. Attendance is required and the

college policy governing drops for not attending will be adhered to. Excessive absenteeism or being absent from any mandatory session may/will result in dismissal from the program.

NOTE: CTC Attendance Policy

The following statements are from the Central Texas College Student Handbook:

“Students are **required** to attend regularly, all classes in which they enrolled. Students are **required** to be in class on time.”

“Absences from classes, for any reason, must not exceed College standards. Students may be administratively withdrawn from any class when their absences exceed a total of four class meetings in a long semester, or for a six-week semester, and in the opinion of the instructor, they cannot satisfactorily complete the course. The final decision rest solely with the instructor.”

- C. Written assignments:
All assigned written work and homework must be submitted on time. No late papers are accepted; late papers will receive a grade of “0”.
- D. Academic Integrity:
This course will adhere to the CTC academic policy published in the CTC catalog. Students are expected to abide by this policy. Any falsification of records, falsifying attendance, or unauthorized sharing of work is considered a violation of academic integrity and will be delt with accordingly.

V. EXAMINATIONS

- A. There will be two major exams during this course. The dates will be announced in advance.
- B. There will be four minor exams that will be averaged for one major exam grade.

VI. SEMESTER GRADE COMPUTATIONS

- A. Semester grade computation will be as follows:

Exam grades	60%
Attendance	20%
Clinical Work	20%

Grading scale: The grading scale is as follows:

- A 90-100
- B 80-89.9
- C 70-79.9
- D 60-69.9
- F 0-59.9

VII. NOTES AND ADDITIONAL INSTRUCTIONS FROM COURSE INSTRUCTOR

- A. Course Withdrawal: (Consistent with CTC policy)
- B. Administrative Withdrawal: (Consistent with CTC policy)
- C. Cellular Phones and Beepers: Cellular phones and beepers will be turned off while the student is in the classroom, labs, and clinical sites. If there is an Emergency reason for you to have yours on contact the instructor in advance to explain the problem and get approval to keep your on vibrate.
- D. Incomplete Grade: Consistent with CTC policy
- E. American's with Disabilities Act (ADA): Disability Support Services provides services to students who have appropriate documentation of a disability. Students requiring accommodations for class are responsible for contacting the Office of Disability Support Services (DSS) located on the central campus. This service is available to all students, regardless of location. Explore the website at www.ctcd.edu/disability-support for further information. Reasonable accommodations will be given in accordance with the federal and state laws through the DSS office.
- F. Civility: Individuals are expected to be cognizant of what a constructive educational experience is and respectful of those participating in a learning environment. Failure to do so can result in disciplinary action up to and including expulsion. Minimal civility includes:
 - 1. Being in class on time, and staying in class for the entire class period
 - 2. Leaving early occurs only after informing the teacher, prior to class of an unavoidable conflict requiring your early departure (if possible, position yourself close to the door for a minimum disruption when you leave)
 - 3. Avoiding such uncivil conduct as talking, sleeping, reading papers/magazines, or working on some other class homework assignment; and
 - 4. Using socially acceptable language in classroom discussions.

- G. Office Hours: This course is being conducted in the evening to there are no set office hours. You will be supplied a manner to contact the program coordinator and lead instructors. You are encouraged to contact them if you have a problem that you have tried to resolve and have been unable to fix. You can always contact the unit secretary to leave a message or to get a message to an instructor.
- H. Refund: (Consistent with CTC policy)
- I. Instructor Discretion: The instructor reserves the right of final decision in course requirements.
- J. Academic Dishonesty: Cheating in any manner will be handled according to college policy. (Refer to Central Texas College Student Handbook)
- K. Inclement Weather: Information about class cancellation or delay because of inclement weather can be obtained by listening to KNXT-FM (91.3 on the FM dial) or by calling (254)501-3100 (Central Texas College Inclement Weather Information Line).

VIII. COURSE OUTLINE

You will receive a course outline and projected schedule that we will try to follow as closely as possible. It may be necessary at times to change the topic of instruction, and we will notify you of such changes as soon as possible. ***It will be your responsibility to be prepared for each class, having studied the topic of the day. This is an advanced class and will be run accordingly.***

- A. Introduction to Critical Care Transport
- B. Pharmacology
- C. Airway Management
- D. Shock
- E. Multi-system Trauma
- F. Pulmonary Emergencies
- G. Cardiovascular Emergencies
- H. Neurological Emergencies
- I. Gastrointestinal Emergencies
- J. Infectious Diseases/Weapons of Mass Destruction
- K. Environmental Emergencies
- L. OB/Neonatal/Pediatric Emergencies
- M. CISM/Stress Management