I. INTRODUCTION

Course Description: An exploration of the foundations necessary for mastery of the advanced topics of clinical practice out of the hospital.

A. This course satisfies the Emergency Medical Technician – Intermediate requirement in most paramedic technology curricula. Please check your degree plan to determine the status of this course in your program of study.

B. Upon successful completion of this course, EMSP 1166, EMSP 1356 and EMSP 1355, students are eligible to take the exam to be certified as an EMT - Intermediate by the Texas Department of Health and/or Advanced EMT by the NREMT.

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

E. Prerequisites:
   1. EMSP 1401 and EMSP 1160
   2. Current CPR certification
   3. Current EMT-Basic certification

Co-requisites:
   1. EMSP 1355
   2. EMSP 1166
   3. EMSP 1356

F. Secretary’s Commission on Achieving Necessary Skills (SCANS) and Differentiated Entry Level Competencies (DELC)

Alphanumeric coding used throughout the syllabus denotes the integration of SCANS occupational competencies (C) and foundation skills (F).
II. **LEARNING OUTCOMES:** Describe and list the roles and responsibilities of advanced EMS personnel within the EMS system; apply the basic concepts of development, pathophysiology and pharmacology to assessment and management of emergency patients; administer medications; employ effective communication; and interpret the medical/legal issues; demonstrate ethical behaviors; and discuss well-being of the paramedic.

Additionally, at the completion of this course, the student will be able to:

A. Demonstrate the ability to comprehend, apply, analyze, and evaluate information relevant to their role as a paramedic intern. (C5, 6, 7, F7, 8, 9, 10, 11, 12)

B. Demonstrate technical proficiency in all basic skills and the following advanced skills: advanced airway management, IV therapy Venipuncture, shock therapy, drug calculations, and medication administration. (C18, 19, 20)

C. Exhibit affective qualities and personal behavior characteristics of a paramedic intern. (C9-14, F5, 6, 13, 14, 15, 16,17)

D. Communicate professionally with patient, team members, and hospital personnel. (C7, 9, 10, 11, 12, 13, 14)

E. Assumes the responsibility of self-development as a member in the profession of prehospital care. (F13, 14, 15, 16, 17)

F. Recognize the necessary qualifications of a team leader and begin progression from team member to team leader. (C9, 10, 12, F5, 6)

G. Practice within the legal and ethical limits of the EMT-P intern. (F13, 14, 15, 16, 17)

III. **INSTRUCTIONAL MATERIALS**

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

IV. **COURSE REQUIREMENTS**

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

B. Discussion Questions-Blackboard

C. Weekly Assignments-Blackboard

D. Research Paper-Blackboard

E. Academic Integrity:
EMSP 1338 adheres to the CTC academic policy published in the CTC catalog. Students are expected to abide by this policy. In EMSP 1338, falsification of attendance records and/or clinical records is considered a violation of academic integrity.

V. RESEARCH PAPER
You are required to submit a research paper.

It must be 3 pages, double spaced, Times New Roman, 12 Font, not including the title and reference pages.

It is to follow the APA format for citations. To assist you with APA formatting, you can visit http://owl.english.purdue.edu/owl/resource/560/01/

The topic must be approved by the instructor prior to working on the paper. You can select any topic that relates to EMS or trauma management.

The paper is graded accordingly and therefore contributes (40%) in the outcome of your final grade.

VI. WEEKLY ASSIGNMENTS
Written assignments will be given on a regular, weekly basis, and you are expected to complete them in a timely fashion. Every week there will be an assignment due that consists of 10 questions from the assigned chapter reading for that particular lesson. Be sure to submit your assignments through the assignment link in each lesson. The instructor is under no obligation to accept overdue homework assignments.

VII. DISCUSSION BOARDS
A percentage of your grade is based on participation through the discussion boards. You will participate in discussion board weekly and will be graded on the effort put into these exercises. You need to respond to one of your classmates discussions, but do not just agree/disagree.

VIII. SEMESTER GRADE COMPUTATIONS
A. 1. Grading Scale:
   A  90 - 100
   B  80 - 89.9
   C  75 - 79.9
   D  60 - 74.9
   F  0 - 59.9
2. Class Average:
   Discussion Questions 30%
   Weekly Assignments 30%
   Research Paper 40%
   100%

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 or laboratory.

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](http://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;
   2. Staying in class for the entire class period;
   3. 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 to the class);
   4. Avoiding such uncivil conduct as talking, sleeping, reading papers/magazines, or working on some other class homework assignment; and
   5. Using socially acceptable language in classroom discussion.

G. **Office Hours:** The program coordinator keeps office hours for the purpose of conferring with students. Students are encouraged to make appointments with instructors to discuss their needs and/or problems related to EMSP 1338. Please go through the secretary to be announced.

H. **Refund:** (Consistent with CTC policy)

I. **Instructor Discretion:** The instructor reserves the right of final decision in course requirements.
VIII. COURSE OUTLINE

1. Preparatory
2. Anatomy/Physiology
3. Life Span Development
4. Pharmacology
5. Airway Management, Respiration, and Artificial Ventilation
6. Patient Assessment
7. Trauma
8. Special Populations
9. EMS Operations