INSTRUCTOR: ______________________

OFFICE HOURS: __________________

I. INTRODUCTION

Course Description: Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

A. This course serves as an Emergency Medical Technician-Paramedic refresher course. Emphasis of this course will be on the requirements of the national and state accrediting agencies.

B. The EMT-P program is designed to provide training in skills and equipment necessary to help maintain basic life support. Instruction is given in basic Anatomy and Physiology, patient assessment, and the theory behind the procedures used in giving pre-hospital care to the sick and injured.

C. Upon successful completion of the program, the students are eligible to take the exam to be certified as an Emergency Medical-Paramedic (if remediation is required) and/or use the hours for continuing education in order to renew EMT-Paramedic by the Texas Department of Health and/or National Registry EMT.

D. There are no prerequisites for this course

II. LEARNING OUTCOMES

Learning Outcomes: Learning outcomes/objectives are determined by local occupational need and business and industry trends.

The purpose of this course is to demonstrate a working knowledge of clinical information and related topics relevant to the practice of pre-hospital emergency medical care at the Emergency Medical Technician-Paramedic (EMT-P) level; the ability to competently perform all applicable skills; and exhibit attitudes and behavior consistent
with the ethics and professionalism expected of the Emergency Medical Technician-Paramedic.

Although not all chapters of the text will be covered in the classroom, it is required that the student review (read) all chapters before taking any type of registry exam.

III. INSTRUCTIONAL MATERIALS

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

IV. COURSE REQUIREMENTS

A. The student will accumulate 96 didactic and lab hours.

Basic didactic instruction will follow the curriculum as outlined by the Texas Department of Health and the U.S. Department of Transportation, National Highway Traffic Safety Administration’s Emergency Medical Technician-Basic National Standard Curriculum. This course will cover the following modules:

1. Introduction to Advanced Prehospital Care
2. Patient Assessment
3. Trauma Emergencies
4. Medical Emergencies
5. Special Considerations/Operations

B. Attendance at all the designated sessions is required of students. Absences must be explained to the satisfaction of the course coordinator and course Physician. 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, three class meetings for an eleven-week, eight-week 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.”

**Overall:**
Students are responsible for written work, meeting class and clinical objectives. Always notify an instructor in advance of an absence and check with the instructor immediately after an absence. Make-up work may be required. Any Student missing two (2) consecutive theory or clinical days must be in contact with the course coordinator prior to being allowed to return to the classroom or clinical area. Inability to meet clinical objectives in this time frame allowed may result in failure. Students must complete 100% of the course minimum required clinical hours.

V. **EXAMINATIONS**
There will be a total of one written examination which is the final exam.

VI. **SEMESTER GRADE COMPUTATIONS**

Homework and quiz grades will also be assigned. The exam, homework and quiz averages are equally weighted. The student must pass the class with a “C” or above in order to receive credit for the course.

1. The grading scale is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>B</td>
<td>80-89.9</td>
</tr>
<tr>
<td>C</td>
<td>70-79.9</td>
</tr>
<tr>
<td>D</td>
<td>60-69.9</td>
</tr>
<tr>
<td>F</td>
<td>0-59.9</td>
</tr>
</tbody>
</table>

VII. **NOTES AND ADDITIONAL INSTRUCTION FROM COURSE INSTRUCTOR**

*Course Withdrawal:* It is the student’s responsibility to officially withdraw from a course if circumstances prevent attendance. Any student who desires to, or must, officially withdraw from a course after the first scheduled class meeting must file a Central Texas College Application for Withdrawal (CTC Form 59). The withdrawal form must be signed by the student.
CTC Form 59 will be accepted at any time prior to Friday of the 12th week of classes during the 16-week fall and spring semesters. The deadline for sessions of other lengths is:

- 10-week session: Friday of the 8th week
- 8-week session: Friday of the 6th week
- 5-week session: Friday of the 4th week

The equivalent date (75% of the semester) will be used for sessions of other lengths. The specific last day to withdraw is published each semester in the Schedule Bulletin.

A student who officially withdraws will be awarded the grade of “W” provided the student’s attendance and academic performance are satisfactory at the time of official withdrawal. Students must file a withdrawal application with the College before they may be considered for withdrawal.

A student may not withdraw from a class for which the instructor has previously issued the student a grade of “F” or “FN” for nonattendance.

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 1441. 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**

**Division 1:** **Introduction to Advanced Prehospital Care**
- Introduction to Advanced Prehospital Care
- Medical/Legal aspects of Advanced Prehospital Care
- Anatomy and Physiology
- General Principals of Pathophysiology
- Life-Span Development
- General Principals of Pharmacology
- Medication Administration
- Airway Management and Ventilation
- Therapeutic Communications

**Division 2:** **Patient Assessment**
- History Taking
- Physical Exam Techniques
- Patient Assessment in the Field
- Clinical Decision Making
- Communications
- Documentation
Division 3: Trauma Emergencies
Trauma and Trauma Systems
Blunt Trauma
Penetrating Trauma
Hemorrhage and Shock
Soft-Tissue Trauma
Burns
Musculoskeletal Trauma
Head, Facial and Neck Trauma
Spinal Trauma
Thoracic Trauma
Abdominal Trauma

Division 4: Medical Emergencies
Pulmonology
Cardiology
Neurology
Endocrinology
Allergies and Anaphylaxis
Gastroenterology
Urology and Nephrology
Toxicology and Substance Abuse
Hematology
Environmental Emergencies
Infectious Diseases
Psychiatric and Behavioral Disorders
Gynecology
Obstetrics

Division 5: Special Considerations/Operations
Neonatology
Pediatrics
Geriatric Emergencies
Abuse and Assault
The Challenged Patient
Acute Interventions for the Chronic Care Patient
Assessment-Based Management Operations