I. INTRODUCTION

**Course Description:** A detailed study of the knowledge and skills necessary to assess and manage ill or injured patients in diverse populations.

A. This is a required course in the EMSP AAS degree and Paramedic certificate program and satisfies the Special Population requirement for most curricula. Upon successful completion of these courses, EMSP 2444, EMSP 2434, EMSP 1167, EMSP 2143, EMSP 2338 and EMSP 1268 students are eligible to take the exam to be certified as an EMT-P by the Texas Department of State Health Services and/or National Registry of EMTs.

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

C. Prerequisites:
   1. Current CPR certification
   2. Current EMT-Basic certification
   3. EMSP 2444
   4. EMSP 2434
   5. EMSP 1167
   6. EMSP 2338

D. Corequisites:
   1. EMSP 2143
   2. EMSP 1268

E. **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

Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for diverse patients. Curriculum based on U.S. Department of Transportation National Standard Curriculum.

Upon successful completion of the course, EMSP 2330, the student will:

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, medication administration, cardioversion and defibrillation, EKG Rhythm recognition, cardiovascular pharmacology, and medical megacodes. (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. Attendance at Examinations: Written examinations will be given on dates noted on the daily plan. If a student cannot attend an examination, the Course Coordinator must be notified before the examination is given. Refer to CTC
catalog for complete policy. Should student fail to notify the Course Coordinator a grade of “zero” will be given for the exam

C. Attendance Policy: EMSP 2330 adheres to the CTC attendance policy published in the CTC catalog. In addition: Students must confer with the Course Coordinator following the 2\textsuperscript{nd} absence and may be dropped after the 3\textsuperscript{rd} absence.

E. 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 2330. Please go though the secretary to be announced.

F. Academic Integrity: EMSP 2330 adheres to the CTC academic integrity policy published in the CTC catalog. EMSP 2330 students are expected to abide by this policy. In EMSP 2330 falsification of any records and/or clinical records is considered a violation of academic integrity.

V. EXAMINATIONS

There will be nine (9) exams and one Megacode practical examination for this course. The exams consist of 6 JB Test Prep exams, 2 online exams, one final comprehensive exam and one megacode exam.

VI. SEMESTER GRADE COMPUTATIONS

A. Semester Grade Computations:

Grading Scale: 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>75-79.9</td>
</tr>
<tr>
<td>D</td>
<td>70-74.9</td>
</tr>
<tr>
<td>F</td>
<td>0-69.9</td>
</tr>
</tbody>
</table>

2. Class Average:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Affective Domain</td>
<td>10%</td>
</tr>
<tr>
<td>Drug Tests</td>
<td>10%</td>
</tr>
<tr>
<td>JB Test Prep Exams (6 Exams)</td>
<td>30%</td>
</tr>
<tr>
<td>JB Course online exams (2 Exams)</td>
<td>20%</td>
</tr>
<tr>
<td>Online Activities/Online Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
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.

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

A. Neonatology
B. Pediatrics
C. Geriatrics
D. Abuse and Neglect
E. Patients with Special Challenges
F. Acute Interventions for the Home Health Care Patient
G. Pediatric Megacode