

BUTLER TECH

PUBLIC SAFETY EDUCATION COMPLEX

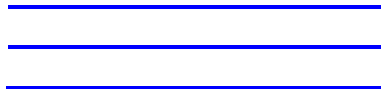
COURSE SYLLABUS

EMT-Paramedic Term II

Date of Course: Varies- several sessions a year

Course Number: (taken from PSEC catalog) 9606PARAMF] **Class Number:** 6411 **Course Title:** EMT-Paramedic II

Course Hours Total: 200



Course Pre-requisites: None

Course Description:

The Paramedic Program is an intensive course of study that prepares students in all aspects of basic and advanced life support procedures that are relevant to pre-hospital emergency care. Topics covered during Term I I of the paramedic course include patient assessment, cardiac rhythm interpretation, defibrillation, drug therapy, and airway management. The course is divided into 100 hours of classroom theory and 100 hours of clinical experience. Our experienced Faculty employ a variety of teaching methodologies to engage the students in scenario based learning. This course is made available to any Ohio certified EMT-B or EMT-I. Clinical requirements are scheduled separately from class room theory.

This course meets the U.S. Department of Transportation standards.

Course Objectives:

Upon completion of this course the student will be able to;

- 1.Demonstrate knowledge of Electrocardiography (ECG) monitoring
- 2.Apply ECG interpretation to patient care in the lab and clinical settings.
- 3.Demonstrate patient assessment and critical thinking processes in the lab and clinical settings
- 4.Understand and demonstrate knowledge of Trauma Systems, Mechanism of injury.
- 5.Understand how to deal with patients with special needs.
- 6.Demonstrate knowledge of the detection and management of soft tissue, thoracic, abdominal, head, and facial injuries.
- 7.Use critical thinking skills to integrate pathophysiological principles, assessment findings and paramedic competencies to formulate a field impression and implement an appropriate treatment plan
- 8.Demonstrate knowledge of Advance Cardiac Life Support (ACLS) treatment algorithm skills in both the clinical and laboratory settings.
- 9.Demonstrate appropriate pre-hospital care for ill individuals encountered in clinical rotations.

Teaching Methods:

- Lecture/discussion will be the primary instructional method with audiovisual materials and practical lab exercises interspersed as appropriate.
- Clinical experiences in pre-hospital and hospital setting.

Evaluation Methods: At the completion of each section each student will be evaluated on his/her proficiency of skills and knowledge.

The student must demonstrate an acceptable level of competency through the successful completion of a formal end-of-course written and practical examination. **Term Grades:** To maintain satisfactory progress, a student must achieve a minimum of 80% cumulative average term grade at the end of each term. In addition, the student is required to meet all term clinical objectives and attendance requirements at a satisfactory level in order to proceed through the course. For the individual terms the quizzes will account for 45% of the grade and the term final 55%. Any student who falls below this cumulative average at the end of a term will be placed on academic probation. A student that fails to achieve the minimum of 80% cumulative average at the end of the program will be considered to have grade of Unsatisfactory

Grades: 93-100=A 85-92=B 76-84=C Below 80=failure . **Final Program Grade:** A student must have a minimal average of 80% to successfully complete the Paramedic Academy and qualify to sit for the National Registry Exam. For the final program grade 85% will be from the individual term grades and 15% the comprehensive course final exam score. In addition the theory grade, the student is required to meet all clinical objectives and attendance requirements at a satisfactory level

BOOKS

Book	Author	Edition
12-Lead ECG, The Art of Interpretation	Garcia, Holtz	2001
Basic Arrhythmias	Gail Walrave	6th
Advanced Cardiac Life Support	AHA	2006
Nancy Caroline's Emergency Care in the Streets	Nancy Caroline	Sixth Edition
Nancy Caroline's Emergency Care in the Streets Work Book	Nancy Caroline	Sixth Edition
Pediatric Advanced Life Support	AHA	2006
Paramedic Review Manual for National Certification	Stephen J. Rahm	2008
Paramedic: Calculations for Medication Administration	Mithriel Salmon	2008