

Central Jackson County Fire Protection District Paramedic Course Syllabus

Course Director: Megan Thurston

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Course Meeting Times and Length: One day a week 8:30 a.m. to 5:00 p.m., with repeating days to accommodate a shift schedule. Several additional weekday sessions are scheduled to accommodate certification programs. Overall length of program is 18 months.

Pre-Requisites:

- Must be a high school graduate or have your GED
- Must be currently licensed as a Missouri EMT Basic.
- Completion of a college-level Anatomy & Physiology Course in the last 10 years with a transcript demonstrating a grade of C or higher, or attended CJCFPD's Pre-Course to Paramedic Program.
- Must have the ability to pass background check and drug screen.
- Provided verification of required documentation. (Vaccinations, letters of recommendation, etc....)

Course Description:

The Emergency Medical Technicians Paramedic course prepares the Paramedic student to provider prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include understanding of human anatomy and physiology, disease pathology, advanced airway management, pharmacology, IV therapy, cardiology and trauma care. In addition, student will receive certifications in ACLS, PALS, PHTLS, GEMS and AMLS.

Our program is instructed by a variety of pre-hospital providers, nurses and physicians with many years of clinical experience and expertise.

Teaching-Learning Methods: This course includes, assigned reading, presentations, discussion, on-line lessons and group discussions, critical thinking exercises, labs, and class activities.

Clinical education represents the most important component of EMS education since this is where the student learns to synthesize cognitive and psychomotor skills. To be effective, clinical education integrates and reinforces the didactic and skills laboratory components of the program. The ability to serve in the capacity of an entry level EMT or Paramedic requires experience with actual patients. The clinical component enables the student to build a database of patient experiences that serves to help in clinical decision-making and pattern recognition. The clinical education component of this program will take place in both the hospital and field environments.

Course Objectives

At the completion of this program you should be able to:

1. Describe the roles of Paramedics in the health care system.
2. Demonstrate the professional attributes expected of Paramedics.
3. Perform the roles and responsibilities of a Paramedic with regards to personal safety and the safety of others.
4. Perform the duties of a Paramedic with regard for medical-legal and ethical issues, including functioning under medical direction and within the scope of practice.
5. Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.
6. Identify the need for and perform immediately life-saving interventions to manage a patient's airway, breathing, and circulation.
7. Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic injuries.
8. Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

Textbooks Provided:

AAOS Nancy Caroline's Emergency Care in the Streets, 8th Edition
Volume 1 and 2, Navigate Course Manger and web tools.
Pearson Prehospital Emergency Pharmacology, 7th Edition
Introduction to Basic Cardiac Dysrhythmias, 5th Edition
AHA ACLS Manual (Library)
AHA PALS Manual (Library)
PHTLS Manual Current Addition (Library)
AMLS Manual Current Addition (Library)
GEMS Manual Current Addition (Library)

Course Completion Requirements:

Skill practices, computer review and testing are required for course completion.

For course completion and to sit for National Registry, students must complete both class and clinical requirements and maintain a minimum grade of 75%, pass the Fisdap test with a minimum of 75%.

Course Attendance Policy:

Students must maintain regular attendance for all scheduled classes, including lab sessions. It is the student's responsibility to sign in on the attendance rooster.

Attendance requirements are defined by the Missouri Bureau of EMS regulations. The student is allowed a maximum of **FOUR** absences (32 hours) of the scheduled class didactic and lab hours. Absence from class does not relieve the student of the responsibility for completing all course work within the time limits defined on the course schedule. Instructors are not obligated to provide make-up sessions for students who have missed classes unless the student is able to

render satisfactory explanation for the absence and the faculty member agrees to provide the session. Make-up work is the responsibility of the student and will not be considered in determining attendance.

Students are expected to be punctual. Excessive tardiness will be reflected in the student's attendance record. Students arriving after the scheduled class time will be recorded as tardy. Five (5) tardy shall be recorded as one (1) class absence. If a student is tardy due to a late call from duty, the supervisor will need to notify the Program Director of the situation. Leaving class prior to the scheduled time will be recorded as tardy. Tardiness exceeding 2 hours will be recorded as a class absence.

Academic Dishonesty:

Programs delivered under the auspices of the Central Jackson County Fire Protection District, operate on a basis of high academic integrity and honesty. It is the responsibility of each student to achieve his/her potential and successfully complete this program in an honest manner. **Any incident involving lying, cheating, theft, or falsification of records or documents will be grounds for dismissal.**

Course Grading and Grading Scale:

The following is a breakdown of the grade average.

- **Clinical – 25%**
- **Exams – 25%**
- **In-class/online quizzes – 15%**
- **Homework/workbook – 10%**
- **Labs – 15%**
- **Attendance – 10%**

Letter grade	Numeric grade
A	90-100
B	80-89
C	70-79
D	60-69
F	Below 60

Clinical Rotation Requirements: (Hospital and Ambulance)

Emergency Department	240	(20 shifts)
ICU	36	(3 Shifts)
Labor and Delivery	24	(2 Shifts)
Pediatric	16	(2 Shifts)
Psychiatric	24	(2 Shifts)
Cath Lab	8	(1 Shift)
Anesthesia	24	(2 shifts)
Respiratory	12	(1 Shift)
Burn ICU	12	(1 Shift)
Field Internship	360	(30 shifts)

Example of course schedule

Central Jackson County Fire Protection District			
2016 Paramedic Program			
WED/THURS 0830-1700			
Session Date	Toic	Instructor	Quizzes/Assignments
March 23/24/____	Introductions/Orientation/Paperwork Lab: Basic Skills Review and Check- Off (pm)		
March 30/31/____	EMS Systems Workforce Safety Lab: Basic Skills Review and Check- Off (pm)		Reading: 4-31/ 32-59 Med Term Quiz #1 1st set of home drug cards
April 6/7/____	Public Health Communication Medical Legal/Ethical		Reading: 60-83/120-147/84-119 Med term quiz #2 2nd set of home drug cards
April 13/14/____	Documentation/Fisdap Anatomy & Physiology		Reading 148-179/183-333 Med term quiz #3
April 20/21/____	Anatomy and Physiology		Reading 183-333 Med term quiz #4
April 27/28/____	Pathophysiology Life Span Basic Math		Reading: 334-399/400-419 Med term quiz #5 3rd set of home drug cards
May 4/5/____	Clinical administration/FISDAP/BBP/UNIV Prec		Med term quiz #6 4th set of home drug cards
May 11/12/____	Pharmacology I/II Med Math		Reading 423-465/pharm 65-79
May 18/19/____	Med Math Med Administration Lab: SQ/IM/IV (pm)		Reading 468-580/pharm 81... Med term quiz #7
May 25/26/____	Med Math Lab: SQ/IM/IV (all day)		Reading 468-580/pharm 81... 5th set of home drug cards