



HS Intro to Public Services

Thursday, May 21, 2020



HS Intro to Public Services

Overall Lesson: **Public Safety Pathway**

Sub lesson for Thursday, May 21, 2020: Emergency Medical Technician/Paramedic

Learning Target:

Students will identify and explain the duties of EMTs & Paramedics. They will identify the different duties of each as well as the training required and training resources available.



Opening Exercise

- Read [this](#) article from a couple years ago about what life is like for an EMT. Then, reflect on the following questions:
 - *Out of everything described in the article, what do you feel would be the most difficult part of being an EMT or paramedic?*
 - *“The strength of our service is character” is the closing quote of the article. Out of all the skills and knowledge an EMT would have to have, why do you believe character would be the strength a working EMT would single out?*



EMTs & Paramedics

- Are well trained healthcare professionals who respond to medical and traumatic emergencies in the prehospital setting.
- Most people do not realize that there is a difference between a Paramedic and an EMT.



EMTs & Paramedics

- **Emergency Medical Technician (EMT)**
 - EMTs are trained to provide basic-level life support to hurt or injured persons. EMTs can perform CPR, artificial ventilations, oxygen administration, basic airway management, spinal immobilization, vital signs and bandaging/splinting.
 - EMT training consists of 80 to 106 hours of classroom education, plus 10 hours of internship and field training.
 - EMT training is considered the entry level for Emergency Medical Services.



EMTs & Paramedics

- Paramedic

- The highest skilled prehospital provider.
- Paramedics are licensed healthcare professionals who provide the most extensive prehospital advanced life support.
- During a medical emergency, paramedics can provide advanced life support care including:
 - Advanced airway management, intubation (*inserting breathing tube*), manual defibrillation, external transcutaneous pacing, heart tests & monitoring, IV fluid therapy, intraosseous infusions (*straight into bone marrow*), hemodynamic monitoring (*of the heart*), needle chest decompressions, surgical airways, administration of a wide array of critical care medications and mechanical ventilation



EMTs & Paramedics

- Paramedic

- Required to complete 1100 hours of classroom training, plus an additional 500 hours of internship and field training.
- Programs are college-based, thus requiring college classes in addition to basic EMT training.
- Paramedics maintain specialty classifications once licensed, such as Advanced Cardiac Life Support, Pediatric Advanced Life Support, Neonatal Resuscitation Program, Prehospital Trauma Life Support, Critical Care Paramedic and Certified Flight Paramedic, to name a few.



EMTs & Paramedics

- **Critical Care Paramedic**
 - Critical Care Paramedics transport patients between facilities.
 - Move very sick patients from one hospital to another for further care and treatment.
 - Critical Care Paramedics have an expanded scope of practice allowing them to administer more medications than the normal Paramedic.
 - Critical Care Paramedics are trained in all common aspects of critical care assessment and management, including pathophysiology (*what's happening in the body because of a disease*), pharmacology (*dealing with medications*), interpretation of more advanced medical tests and images, management of more advanced medical devices



EMTs & Paramedics

- **Placement** (*where they work*)
 - Private Companies
 - Fire stations
 - Hospitals
 - Military
 - Flight Companies (Helicopter/Airplane)
- **Salary**
 - Median annual salary of an EMT in Kansas City is \$36,411
 - Salary range is usually \$28,629 - \$48,701
 - Flight medics make \$40,097 annually



EMTs & Paramedics

- **Training Programs in KC area**
 - IHM Academy of EMS - Independence
 - UMKC Hospital Hill Campus - Kansas City
 - Kansas City School of Phlebotomy - Kansas City
 - Johnson County Community College - Overland Park
 - Kansas City Kansas Community College - Kansas City, Kansas



Activity

- Research 3 colleges or programs at another accredited institute that offer EMT training and certification.
 - Find the following information for each school/program and put it on a piece of paper or Google Doc:
 - Hours or credits needed
 - Internship/field work hours needed
 - Cost of the program
 - List 5 courses you will have to complete



Additional Resources

- CDC Guidance: [First Responders and Law Enforcement](#)
- Dept. of Homeland Security: [COVID-19 Information for the First Responder Community](#)
- U.S. Fire Administration: [COVID-19 resources for fire and EMS](#)
- EMS.gov: [COVID-19 Resources for EMS](#)
- NREMT: [COVID-19 National EMS Certification Information](#)