

Hospital and EMS Objectives:

***Because of patient availability, it is possible that all objectives may not be met and that all skills may not be performed. Nonetheless, as many skills as possible should be observed and practiced by the student. **Minimum patient contacts/skills must be achieved in order to graduate.**

General Clinical Objectives:

1. **Tour and receive orientation to the assigned area.**
2. **Perform equipment/vehicle checks and any other preparatory tasks.**
3. **Utilize “Universal Precautions” of infection control.**
4. **Perform a patient assessment:**
 - a) **Primary survey**
 - b) **Secondary survey**
 - c) **Vital signs, including lung sounds**
 - d) **History**
5. **Assist and observe the triage of patients.**
6. **Perform airway management:**
 - a) **Manual techniques**
 - b) **Oropharyngeal airways**
 - c) **Nasopharyngeal airways**
 - d) **Oropharyngeal suctioning**
7. **Perform respiratory support:**
 - a) **Oxygen administration**
 - b) **Bag-valve mask ventilation**
 - c) **CPAP/BiPAP/PEEP**
8. **Perform CPR:**
 - a) **Observe and assist in cardiac resuscitation**
 - b) **Observe and assist in trauma resuscitation**
 - c) **Observe and assist in the use of the Automatic External Defibrillator (AED)**
9. **Recognize and evaluate mechanisms of injury.**
10. **Assist in the treatment of trauma cases:**
 - a) **Perform bleeding control**
 - b) **Dress and bandage wounds**
 - c) **Perform musculoskeletal immobilization**
 - d) **Assist with spinal immobilization**
 - e) **Penetrating wounds of the chest and abdomen**

f) Other trauma cases as available

11. Assist in the treatment of medical cases

- a) Chest pain**
- b) Assist in the administration of nitroglycerine**
- c) Congestive heart failure**
- d) Chronic obstructive pulmonary disease**
- e) Obstructed airway/Asthma attack**
 - 1. Assist in the administration of the metered dose inhaler**
 - 2. Assist in the administration of nebulizer treatment**
- f) Diabetic emergencies**
 - 1. Assist in the use of the glucometer**
 - 2. Assist in the administration of an instant glucose product**
- g) Seizures**
- h) Coma**
- i) Overdose (alcohol or drug abuse)**
 - 1. Assist in the administration of Activated Charcoal**
- j) Other medical cases as available**
- k) Anaphylactic Shock**
 - 1. Auto-injector**

12. Assist or observe the care of behavioral emergencies:

- a) Suicidal behavior**
- b) Hostile/violent behavior**
- c) Acute grief or depression**
- d) Paranoia**
- e) Hysterical conversion**
- f) Acute anxiety/agitation**
- g) Schizophrenia**
- h) Anger**
- i) Confusion**
- j) Fear**
- k) Hyperactivity**
- l) Alcohol and drug abuse**
- m) Other behavioral cases which are safely available**

13. Assist in the care of geriatric patients:

- a) Chronically altered mental status**
- b) Alzheimer's disease**
- c) Osteoporosis**
- d) Rheumatoid arthritis**
- e) Immobility**
- f) Other geriatric cases as available**

14. Assist in the care of pediatric patients:

- a) Signs and symptoms of pediatric illness**

- b) Febrile seizures
- c) Restraint procedures
- d) Psychological states of age progression
- e) Note vital sign differences
- f) Parental care
- g) Poisonings
- h) Other pediatric cases as available

15. Assist or observe the care of obstetric patients:

- a) Identify the three stages of labor
- b) Cephalic delivery
- c) Clamping and cutting of the umbilical cord
- d) Complications of delivery
- e) Observe a caesarian section
- f) Note medications given to the mother
- g) Inspect the delivered placenta and umbilical cord
- h) Postpartum hemorrhage control
- i) Newborn care
- j) APGAR scoring
- k) Premature infant care
- l) Fetal monitoring
- m) Other obstetric cases as available

16. Observe the management of cases with legal implications or which require evidence preservation:

- a) Sexual assault/rape
- b) Child/elderly abuse
- c) Shootings/stabbing
- d) Animal bites
- e) Other cases as available

17. Observe sterile techniques and assist as directed.

18. Assist in lifting, moving and patient transfers.

19. Perform patient access, packaging and extrication.

20. Assist in any restocking, cleaning or other duties as assigned in the clinical/field facility.

21. Observe diagnostic procedures/tests and review lab results.

22. Review charts for clinical findings, diagnosis and treatment plans.

23. Monitor and record radio and oral communication of patient information.

24. Document, for student records, patient and/or incident information.

25. Assist or observe in any procedure authorized by the attending physician and/or preceptor that will increase the understanding of anatomy and physiology of illness or injury.

EMS Specific Objectives

Performance of skills contained in the field internship objectives shall be based on performance criteria established by standard medical practice unless otherwise defined by the course coordinator. During the field internship, the student must practice under direct supervision of a recognized preceptor and should demonstrate proficiency for each of the following skills.

All Levels

1. Complete an orientation of expected behavior before, during and after a response with ambulance crew.
2. Locate, inspect and prepare each piece of equipment for use on the ambulance.
3. Locate and operate radio equipment.
4. Practice loading and unloading the ambulance stretcher, with and without a load.
5. Locate and become familiar with emergency equipment such as flares and fire extinguishers.
6. Perform patient assessment including developing relevant medical history and conducting a physical examination. The assessments should include, at a minimum, assessments on medical patients, unconscious patients, trauma patients and pediatric patients.
7. Assist and review the treatment of trauma cases and medical emergencies.
8. Assist in triaging patients.
9. Assist in hemorrhage control and splinting.
10. Assist in cases of cardiac arrest, including the performance of CPR.
11. Assist in basic airway management.
12. Assist in the use of an Automatic External Defibrillator (AED).
13. Administration of Epinephrine for use in treatment of allergic reactions.
14. Assist in use of Bronchodilator.
15. Assist in the management of cardiac arrest through the use of an AED

CLINICAL EXPERIENCE: 12 HOURS MINIMUM

Clinical experience will consist of 12 hours in the Emergency department. Students must complete a minimum of 9 Hospital/Clinical patient care documentations of assessments (4 medical, 4 trauma, and 1 cardiac) to pass the clinical practicum. Each patient contact **MUST** be thoroughly documented utilizing all information blanks on the Clinical form to count toward the minimum number of patient contacts for this environment. Failure to complete all hours, minimum patient contacts, documentations, or skills can result in the student being required to sign up for more hours until all minimum requirements are met. (Assessments in the required categories **MAY** be achieved during EMS rotations as long as the 12 hours of ER (or appropriate alternate per Clinical Coordinator judgement) is completed.

Preceptors for clinical can include Paramedics, PAs, RNs, MDs or DOs. Only personnel at these levels of certification or licensure are authorized to precept the student experience or sign clinical paperwork.

AMBULANCE INTERNSHIP: 48 HOURS MINIMUM

Internship will be scheduled with approved EMS or Fire/EMS agencies. Students must complete a minimum of 10 AMBULANCE patient care documentations for emergency responses with patient transports to pass ambulance internship. Student should write a documentation report on every patient transported or contacted. No Transports should also be thoroughly documented and **MAY** count toward the minimum number of required contacts **IF** a thorough patient assessment and some treatment was administered prior to no transport.

NO AMBULANCE INTERNSHIP PATIENT CONTACTS MAY BE DONE WHILE AT WORK UNLESS YOU ARE IN 3RD RIDER STATUS WITH A PRECEPTOR. ALL AMBULANCE INTERNSHIPS MUST BE DONE AS THIRD RIDER IN THE PATIENT COMPARTMENT. SKILLS OPPORTUNITIES ON DUTY MAY RECEIVE CREDIT WITH PRIOR APPROVAL. STUDENT IS PROHIBITED FROM DRIVING. REMEMBER!!!