

EMS A151: EMERGENCY MEDICAL TECHNICIAN CLINICAL

Item	Value
Curriculum Committee Approval Date	12/06/2023
Top Code	125000 - Emergency Medical Services
Units	1 Total Units
Hours	54 Total Hours (Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Pass/No Pass (B)

Course Description

Application and integration of skills and knowledge gained from EMS A150 in the emergency department of an acute hospital or other arranged clinical setting in accordance with California State Title 22, Section 9 regulations, and on a Basic Life Support ambulance unit. Formerly known as EMT A151. COREQUISITE: EMS A150 and EMS A150L. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Demonstrate in the correct sequence, appropriate patient assessment including vital signs.
2. Adapt to various patient care settings, develop appropriate interventions, and communicate effectively with various healthcare professionals regarding patient presentation and care.

Course Objectives

- I Behavioral objectives:
 - I. 1. Presents a neat, well-groomed, professional appearance
 - I. 2. Dresses in the approved clinical uniform with name tag visible
 - I. 3. Demonstrates dependability by reporting for duty on time, and stays the full scheduled time
 - I. 4. Performs tasks in a professional manner
 - I. 5. Practices standard precaution techniques
 - I. 6. Notifies the EMT Program Coordinator at least two hours prior to beginning of scheduled shift when unable to attend
 - I. 7. Demonstrates cooperation with clinical staff and preceptor, a willingness to learn, and the ability to follow directions
 - I. 8. Strictly follows all HIPAA regulations and practices appropriate patient confidentiality
 - I. 9. Demonstrates the ability to recognize both engineered and non-engineered sharps and properly disposes of all sharps in appropriate containers
 - I. 10. Communicates with healthcare workers of all disciplines in a clear, concise and effective manner
- II Performance objectives:
 - II. 1. Appropriately documents evidence of performing a minimum of ten patient initial assessments, SAMPLE history interview, findings of the complete head-to-toe exam, including breath sounds, all pre-hospital or emergency department interventions and a brief summary of what this patient helped the student learn as it relates to the EMT 150 course objectives, using correct spelling and grammar on the provided "Orange Coast College Patient Care Report" forms
 - II. 2. Demonstrates proper moves, lifts, and transporting of patients using correct body mechanics and appropriate use of both a pre-hospital gurney and equipment and a standard hospital gurney
 - II. 3. Demonstrates the ability to properly take vital signs on all available patients, to include the mental status, a manual blood pressure, a peripheral or central pulse as indicated, respiratory rate, temperature, capillary refill, and skin signs, and incorporates this information to help distinguish the patients priority status, recognizes hypoperfusion, or other conditions that require immediate intervention
 - II. 4. Recognizes situations in which the patient would require manual cervical stabilization and participates, at the discretion of the clinical personnel and under their supervision, participates in appropriate stabilization.
 - II. 5. Recognizes need for oxygen therapy and demonstrates correct choice and administration of appropriate oxygen delivery/ventilation device under the supervision of clinical personnel
 - II. 6. Recognizes need for airway management and demonstrates correct intervention, such as suctioning, use of adjunctive devices, and patient positioning, under the supervision of clinical personnel
 - II. 7. Contributes to the preparation of intravenous equipment, demonstrates the ability to assist clinical personnel in the initiation of intravenous therapy, and demonstrates proper recognition of intravenous site abnormalities requiring communication to the appropriate clinical personnel.
 - II. 8. Performs correct cardiopulmonary resuscitation at the discretion of the clinical personnel following up-to-date American Heart Association Healthcare Provider standards
 - II. 9. Completes the Emergency Department equipment check list
 - II. 10. Writes a one-page summary of application of program objectives and what the student learned during the BLS ambulance clinical experience
 - II. 11. Writes a one-page summary of application of program objectives and what the student learned during the emergency department clinical experience
 - II. 12. Participates in BLS ambulance daily equipment check and care of ambulance and equipment
 - II. 13. Participates in BLS ambulance daily equipment check and care of ambulance and equipment
 - II. 14. Completes a skill checklist documenting what skills were either performed, observed, or not observed for both the emergency department and the BLS ambulance setting
 - II. 15. Completes an evaluation of the ability of the ambulance company to meet the learning objectives of the student on the provided form
 - III Observation objectives: The student is to observe and be prepared to discuss:
 - III. 1. The patient assessment, priority decision or triage decision, including physical exam and history recording by the clinical personnel
 - III. 2. Compare and contrast the pre-hospital and hospital care in emergency situations including: airway maintenance, breathing

assistance, oxygen therapy, control of bleeding, treatment of hypoperfusion, care of emotionally disturbed patients, pediatric patients, geriatric patients, obstetrical/gynecological patients and patients with traumatic and/or medical problems

- III. 3. Aseptic techniques and care of wounds
- III. 4. Applications of slings, basic dressings and bandages, pressure and elastic bandages, and application of splinting appropriate to clinical setting
- III. 5. Methods of suctioning, including: oral, oropharyngeal, endotracheal, and tracheal
- III. 6. Intravenous therapy

Lecture Content

This course will integrate knowledge and skills learned in EMT A150 in a clinical setting. Emphasis will be placed on critical thinking that is necessary on the job. Students will be expected to perform under supervision on clinical patients at an assigned affiliated clinical site. The exposure of clinical patients will vary on location and scheduling. Students are to use the instructional objectives for direction on the level of expectations to be attained during this experience.

Lab Content

Students will apply the following skills they have learned in the lab course in a clinical setting: 1.Safe glove removal. 2.Handwashing techniques. 3.Review of standard precautions. 4.Discussion and demonstration of proper body mechanics. 5.Power lift. 6.Direct ground lift. 7.Extremity lift. 8.Direct carry. 9.Draw sheet method. 10.Log rolling patients with and without suspected spinal injury. 11.Establishing manual in-line stabilization. 12.Moving patients into and from a wheelchair. 13.Moving a patient on the Stair Chair. 14.Gurney operations. 15.Integration of gurney operations with the ambulance. 16.Obtaining vital signs; manual blood pressure, respirations, pulse, skin signs. 17.Capillary refill and pupil assessment. 18.Pulse oximetry use. 19.Orthostatic vital signs. 20.Mental status assessment (AVPU and Orientation). 21.Assisting with ambulation. 22.Scene characteristics. 23.Determining scene safety. 24.Manual airway techniques. 25.Nasal pharyngeal airway insertion. 26.Oral pharyngeal airway insertion. 27.Suctioning. 28.Suctioning into the ETT and tracheostomy tube. 29.Oxygen tank use and safety. 30.Applying oxygen devices. 31.Recognizing adequate and inadequate breathing. 32.Patient ventilation techniques.

Method(s) of Instruction

- Lab (04)
- DE Live Online Lab (04S)
- Directed/Independent Study (40)
- Field Experience (90)
- Non-Directed Clinical (NDR)

Instructional Techniques

Demonstration of various approaches to problem-solving Observation and participation in the routine in the emergency department and on the BLS ambulance unit Return demonstration of skills learned Discussion with clinical preceptors and during class sessions with online adjunct One four (4) hours clinical orientation prior to clinical participation led by the EMT Program Director/Clinical Coordinator Two (2) ten-hour emergency department shifts One (1) eight-hour emergency department

shift One (1) eight-hour BLS ambulance shift And either one (1) additional eight-hour emergency department or BLS ambulance shift

Reading Assignments

Writing Assignments

Submission of a minimum of ten (10) completed patient care reports written legibly in ink using correct spelling, grammar, and medical terminology. One typed summary of BLS ambulance experience using correct spelling and grammar. One typed summary of emergency department experience using correct spelling and grammar. Completion of entire clinical packet.

Out-of-class Assignments

Demonstration of Critical Thinking

Observation/evaluation of skills performed; discussion of patient case histories and assessment/outcome; case presentations; final practical examination; evaluation of completed clinical packet to include a minimum of 5 10 patient care reports, an ambulance skill check list and an emergency department skill check list, an emergency department equipment checklist, student evaluations from each clinical visit, written summary of BLS ambulance experience, written summary of emergency department experience, students evaluation of BLS ambulances performance

Required Writing, Problem Solving, Skills Demonstration

Submission of a minimum of ten (10) completed patient care reports written legibly in ink using correct spelling, grammar, and medical terminology. One typed summary of BLS ambulance experience using correct spelling and grammar. One typed summary of emergency department experience using correct spelling and grammar. Completion of entire clinical packet.

Eligible Disciplines

Emergency medical technologies: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience. Nursing: Masters degree in nursing OR bachelors degree in nursing AND masters degree in health education or health science OR the equivalent OR the minimum qualifications as set by the Board of Registered Nursing, whichever is higher. Masters degree required. Nursing science/clinical practice: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Other Resources

1. EMS A151 Clinical Packet distributed and reviewed during clinical orientation, stethoscope with a bell and diaphragm, adult blood pressure cuff, penlight, student ID badge, trauma shears, and student-supplied