

Emergency Care for the Sick and Injured - Semester Curriculum Map (Fall 2025)

This curriculum map outlines an 18-week semester schedule for a course on "Emergency Care for the Sick and Injured, 12th Edition." It integrates theoretical learning with practical lab sessions, aiming to provide a comprehensive introduction to emergency medical care. This schedule is specifically aligned with the Jonesboro Public Schools 2025-2026 calendar, accounting for the start and end dates of the semester, as well as holidays and non-contract days. This is a fast paced course that will require your time beyond your scheduled hours at NEACTC. YES, that means homework.

Week	Dates (2025)	Module/Chapters (Approximate)	Key Topics	Lab Component
1	Aug 13-15	Introduction to EMS Systems & Well-being of the EMT (Ch. 1-3)	EMS system components, roles/responsibilities, personal safety, stress management, infectious disease prevention.	Lab 1: Personal Protective Equipment (PPE) & Scene Safety - Donning/Doffing PPE - Handwashing techniques - Scene size-up scenarios (identifying hazards)
2	Aug 18-22	Medical-Legal & Ethical Issues, Communications & Documentation (Ch. 4-6)	Consent, refusal of care, negligence, HIPAA, effective verbal communication, radio procedures, written documentation.	Lab 2: Effective Communication & Documentation - Practice patient hand-off reports - Role-play patient interviews - Complete a basic Patient Care Report (PCR) for a simulated call

3	Aug 25-29	Anatomy & Physiology Basics (Ch. 7-8)	Basic human body systems (respiratory, circulatory, nervous, musculoskeletal, digestive), anatomical terms.	Lab 3: Anatomical Regions & Patient Positioning - Identify major anatomical landmarks on a manikin/peer - Practice various patient positions (e.g., supine, prone, recovery)
4	Sep 1-5	Patient Assessment: Scene Size-up & Primary Assessment (Ch. 9-10)	Scene safety, BSI, mechanism of injury/nature of illness, initial patient approach, ABCs, rapid trauma/medical assessment.	Lab 4: Primary Assessment Drills - Perform rapid primary assessments on simulated patients - Practice opening airways (head-tilt chin-lift, jaw-thrust) - Assess breathing and circulation
5	Sep 8-12	Patient Assessment: History, Secondary Assessment & Reassessment (Ch. 11-12)	OPQRST/SAMPLE history, focused physical exams, vital signs, reassessment techniques, trending patient condition.	Lab 5: Vital Signs & Patient History Taking - Practice taking blood pressure, pulse, respirations, SpO2 - Conduct simulated patient interviews using OPQRST/SAMPLE
6	Sep 15-19	Airway Management & Oxygen Therapy (Ch. 13-14)	Airway adjuncts (OPA/NPA), suctioning, artificial ventilation (BVM), oxygen delivery devices, humidification.	Lab 6: Airway Management & Oxygen Administration - Insert OPA/NPA on manikins - Practice BVM ventilation - Set up and apply various oxygen delivery devices

7	Sep 22-26	Respiratory Emergencies (Ch. 15)	Common respiratory conditions (asthma, COPD, pneumonia), assessment, treatment, assisting with inhalers.	Lab 7: Assisting with Respiratory Medications - Simulate assisting patients with prescribed inhalers - Practice nebulizer setup (if applicable) - Assess breath sounds
8	Sep 29 - Oct 3	Cardiovascular Emergencies (Ch. 16)	Angina, myocardial infarction, heart failure, cardiac arrest, basic life support (BLS), AED use.	Lab 8: BLS & AED Practice - Perform high-quality CPR on manikins - Practice AED application and operation - Scenario-based cardiac arrest management
9	Oct 6-10	Diabetic Emergencies & Allergic Reactions (Ch. 17-18)	Hypoglycemia, hyperglycemia, diabetic ketoacidosis, anaphylaxis, assisting with epinephrine auto-injectors.	Lab 9: Diabetic & Allergic Reaction Management - Simulate assisting patients with oral glucose - Practice epinephrine auto-injector administration (trainer)
10	Oct 13-17	Poisoning, Substance Abuse & Environmental Emergencies (Ch. 19-21)	Ingested/inhaled/absorbed poisons, overdose, heat/cold emergencies, bites/stings, lightning.	Lab 10: Environmental & Overdose Scenarios - Manage simulated heat exhaustion/stroke patients - Practice patient packaging for hypothermia - Recognize signs of common overdoses

11	Oct 20-24	Neurologic Emergencies, Acute Abdomen & Behavioral Emergencies (Ch. 22-24)	Stroke, seizures, altered mental status, abdominal pain, psychiatric crises, suicide risk.	Lab 11: Neurologic & Behavioral Assessment - Perform stroke assessment (FAST) - Manage simulated seizure patients - Practice de-escalation techniques for behavioral emergencies
12	Oct 27-31	Bleeding, Shock & Soft Tissue Injuries (Ch. 25-27)	Types of bleeding, hemorrhage control (tourniquets), types of shock, wound care, impaled objects, eviscerations.	Lab 12: Hemorrhage Control & Wound Management - Apply direct pressure, pressure bandages, and tourniquets - Dress and bandage various soft tissue injuries - Practice managing impaled objects
13	Nov 3-7	Musculoskeletal Injuries & Head/Spine Injuries (Ch. 28-29)	Fractures, dislocations, sprains, strains, spinal immobilization (long backboard, KED), helmet removal.	Lab 13: Splinting & Spinal Immobilization - Apply various splints (e.g., rigid, soft, traction) - Perform spinal immobilization with a backboard - Practice helmet removal techniques
14	Nov 10-14	Chest & Abdominal Injuries, Burns (Ch. 30-32)	Pneumothorax, flail chest, evisceration, types of burns, burn severity, managing burn patients.	Lab 14: Chest & Abdominal Injury Management & Burn Care - Practice occlusive dressings for open chest wounds - Manage simulated eviscerations - Apply dressings for various burn types

15	Nov 17-21	Special Patient Populations: Pediatric & Geriatric (Ch. 33-34)	Pediatric assessment triangle, common pediatric emergencies, age-related physiological changes, common geriatric conditions.	Lab 15: Pediatric & Geriatric Scenarios - Assess simulated pediatric patients - Practice communication techniques for geriatric patients - Adapt assessment for special populations
16	Nov 24-25	Special Patient Populations: Bariatric & Special Needs, Ambulance Operations (Ch. 35-37)	Challenges with bariatric patients, patients with disabilities, safe ambulance operations, scene management.	Lab 16: Patient Movement & Ambulance Operations - Practice various patient moves (e.g., blanket drag, direct ground lift) - Load/unload a stretcher from a simulated ambulance - Discuss safe driving practices
17	Dec 1-5	Operations: Hazmat, MCI, Rescue, Terrorism (Ch. 38-41)	Hazardous materials recognition, mass casualty incident (MCI) triage, basic rescue principles, terrorism awareness.	Lab 17: MCI Triage & Hazmat Awareness - Perform START triage on simulated MCI victims - Identify hazmat placards and zones - Discuss roles in a unified command system
18	Dec 8-12	Review & Final Exam Prep	Comprehensive review of all course material, practical skill drills.	Lab 18: Comprehensive Skill Stations & Scenario Testing - Practical skills check-off (e.g., patient assessment, CPR, splinting) Full patient simulation scenarios integrating multiple skills

Final	Dec 15-19	Semester End	Final Exams, Skill Assessments, Course Wrap-up.
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