

Emergency Medical Tech

Course Description

This course is designed based upon the Department of Transportation’s National Highway Traffic Safety Administration Emergency Medical Technician –Basic National Standard Curriculum. This course is designed to instruct the student to the level of Emergency Medical Technician who serves as a vital link in the chain of the health care team. It is recognized that the majority of pre hospital emergency medical care will be provided by the EMT. This includes all skills necessary for the individual to provide emergency medical care at a basic life level with an ambulance service or other specialized service. This course is designed to prepare the student to take and pass the National Registry certification examination. The course must be taught by a qualified EMT instructor. (NHTSA-EMTBNSC)

Course Code: 077402

Program(s) of Study to which this course applies:

- Health Science

Course Content	Crosswalk to Common Core Academic Standards	Crosswalk to Nebraska Academic Standards	Crosswalk to Nebraska Career Readiness Standards	Crosswalk Clarification
<p>Standard 1. Students will assess the nature and seriousness of the patient's condition or extent of injuries to prioritize requirements for emergency medical care.</p>				
<p>Benchmark 1.1 Students will perform a scene size up.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> • Analyze the safety of the scene. • Understand the impact of the environment on patient care. • Address hazards if present in the scene. • Understand the hazard of violence in and around the emergent scene. 	<p>ELA.RST.11-12.3</p>	<p>LA.12.3.2. LA.12.1.6.k</p>	<p>CR.1.A.4 CR.1.C.2 CR.3.B.4 CR.5.A.1</p>	<p>Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).</p>

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<ul style="list-style-type: none"> Recognize the need for additional resources in an emergent situation. Practice standard precautions. Manage multiple patient situations. Triage and prioritize incidents during the emergent situation. 				
<p>Benchmark 1.2 Students will perform an initial patient assessment.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Conduct a primary patient assessment including but not limited to “A-B-Cs”, assessment of level of consciousness, and retrieving a general medical history. Conduct a secondary patient assessment including but not limited to Rapid full body scan, assessment of vital signs and physical exams. 	ELA.RST.11-12.3	LA.12.3.2.a LA.12.1.6.k	CR.1.A.4 CR.1.C.2 CR.5.A.1	Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).
<p>Standard 2. Students will administer appropriate emergency medical care based on assessment findings of the patient's condition.</p>				
<p>Benchmark 2.1 Students will establish and maintain patient’s airway.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Demonstrate the use of bag-valve-mask. Demonstrate suction of upper airway. Deliver medical oxygen. 	ELA.RST.11-12.3	LA.12.3.2.a LA.12.1.6.k	CR.1.A.4	Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).
<p>Benchmark 2.2 Students will understand and administer appropriate pharmacologic interventions.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Administer “Epi-Pen” in anaphylactic situation. Assist with patient administration of medication. Assist in administration of a patient’s prescribed nitroglycerin. 	ELA.RST.11-12.3	LA.12.3.2.a LA.12.1.6.k	CR.1.A.4	Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).

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<p>Benchmark 2.3 Student will demonstrate appropriate medical and cardiac care.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> • Perform manual CPR/AED. • Assist in normal and complicated delivery. • Recognize signs and symptoms of cardiac emergency. • Recognize signs and symptoms of other life threatening emergencies. 	ELA.RST.11-12.3	LA.12.3.2.a LA.12.1.6.k	CR.1.A.4	Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).
<p>Benchmark 2.4 Student will recognize and manage traumatic emergencies.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> • Demonstrate proper application of splinting devices. • Perform C-spine injury management techniques. • Demonstrate techniques to control bleeding. • Demonstrate proper technique in dressing and bandaging. 	ELA.RST.11-12.3	LA.12.3.2.a LA.12.1.6.k	CR.1.A.4	Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).
<p>Standard 3. Students will stabilize and apply appropriate transport methods for the patient to minimize discomfort and prevent further injury.</p>				
<p>Benchmark 3.1 Students will apply the principles of lifting and carrying and demonstrate the techniques associated.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> • Explain rationale of proper lifting technique. • Apply biomechanical principles of proper lifting. • Demonstrate proper patient positioning. 	ELA.RST.11-12.3	LA.12.3.2.a LA.12.1.6.k	CR.1.A.4	Alignment presumes that students must comprehend oral or written instructions to complete the task (CC: ELA.RST.11-12.3; NE: LA.12.3.2, LA.12.1.6.k).

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<p>Benchmark 3.2 Students will identify and apply the proper use of transport equipment.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Justify equipment selection in emergent situations. Demonstrate the proper use of transport equipment. Demonstrate the proper maintenance and care of transport equipment. 	ELA.RST.11-12.4	LA.12.1.5	CR.1.A.4	
<p>Standard 4. Students will understand and follow the proper scope of practice for the EMT and how it relates to other members of the health care team.</p>				
<p>Benchmark 4.1 Students will promote and practice the concepts of the health care team.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Communicate with other professionals within the continuity of care Explain the use of the EMS communication system. Adhere to the principles of incident reporting. 	ELA.SL.11–12.1	LA.12.3.1.a SC.12.1.1.j	CR.8.A.1-3	Alignment presumes that students will share information with other professionals on the health care team (CC: ELA.SL.11-12.1; NE: LA.12.3.1.a, SCI.12.1.1.j).
<p>Benchmark 4.2 Students will advocate for the safety of the patient.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Adjust communication strategies to meet the need of the patient Maintain confidentiality and other ethical principles/moral obligations. Promote patient dignity in all situations. 	N/A	SC.12.1.1.j	CR.2.E.2 CR.3.B.4	Alignment presumes that students will share information with other professionals to advocate for the safety of the patient (NE: SCI.12.1.1.j).
<p>Benchmark 4.3 Students will exhibit characteristics of professional behavior.</p>	ELA.SL.11–12.6	LA.12.3.1.b	CR.3.A.2 CR.3.B.3	



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<p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Actively practice personal wellness principles Explain importance of continuing education after initial certification Promote the integrity and professional principles of the health care provider. 				

Reference Standards Sources

- NHTSA-EMTBNCS = National Highway Traffic Safety Administration, Emergency Medical Technician –Basic National Standard Curriculum
- NE-HHS¹ = Nebraska Department of Health and Human Services Emergency Medical Services Basic Level Competency Checklist
- NE-HHS = Nebraska Department of Health and Human Services Emergency Medical Services initial license requirements.
- EMS.gov = National Emergency Medical Services Education Standards at www.ems.gov

Contributors

Secondary: [Shawn Campbell – Westside High School, Lindy Fernau – O’Neill High School, Jim Johnston – Millard West High School, Stacia Weaver – Omaha Public Schools]

Other Information

Suggestions for innovative teaching and learning strategies:	
Related assessments:	<ul style="list-style-type: none"> • BLS for the health care provider
Extended learning opportunities:	<ul style="list-style-type: none"> • HOSA offers EMT as a competitive event and leadership opportunities abroad in the field health care • Attend professional EMS conferences • Compete in local/state EMS competitions

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To become licensed in the state of Nebraska:

Must be 18 and show proof of citizenship.

Must complete required [application](#)

Must prove certification in CPR (at a level including infant, child, and adult one and two rescuer)

Successful completion of a Department of Transportation approved EMT-B course

Successfully pass the National Registry written examination with a percentage of 70 or above

Proof of successfully passing the National Registry practical examination

Present copy of national registry certification card

License renewal information:

License will expire on December 31 of the second year after issuance

Among other requirements renewal candidates must maintain certification in an advanced level of CPR participate and earn at least 30 hours of Continuing education within the EMT course.

[\(NE-HHS\)](#)