

## GN 289 EMT Course

Fall Semester 2015

Monday, Tuesday, & Wednesday evenings from 6:00 to 10:00 P.M.

**Instructor:** Ralph Young, Jr., Paramedic

**Contact Info:** (605)321-7930 Monday-Friday during normal business hours, or email at [ralph.young@sintegleska.edu](mailto:ralph.young@sintegleska.edu) my office is located in the Institute of Technologies Building (main campus next to the university daycare building), and classes will be held at this location as well.

**Prerequisites:** Must be 18 years of age with a valid South Dakota Drivers' license, must also have a high school diploma or equivalent, and no previous felonies.

### **Course Description:**

The Emergency Medical Technician course is an entry level course intended to prepare the candidate to demonstrate competency in the field of emergency medicine and public safety, and to enter the workforce upon successful completion.

More specifically; the Emergency Medical Technician course prepares the EMT student to provide prehospital assessment and emergency medical care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMT's, anatomy and physiology, medical emergencies, trauma, special considerations for working in the prehospital setting, and providing patient transportation.

**Credit Hours: 9**

**Teaching – Learning Methods:**

Teaching – learning methods in this course may include, but are not limited to, assigned readings, presentations, discussion, critical thinking exercises, labs, and class activities. Evaluation procedures include quizzes, written examinations, and assignments.

**Course objectives:**

At the completion of this course you should be able to:

1. Describe the roles of EMS in the health care system.
2. Demonstrate the professional attributes expected of EMT's
3. Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others.
4. Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within scope of practice.
5. Apply principles of anatomy, physiology, pathophysiology, life span development, and therapeutic communications to the assessment and management of patients.
6. Identify the need for and perform immediately lifesaving interventions to manage a patient's airway, breathing, and circulation.
7. Assess and manage patients of all ages with a variety of complaints, medical conditions, and traumatic injuries.
8. Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

**Course Textbook:**

Limmer, D., Okeefe, M., (2012). *Emergency Care, 12<sup>th</sup> edition*. Upper Saddle River, NJ: Pearson Education.

**Course Completion Requirements:**

Successful completion of this course requires adherence to course policies, maintaining a course average of 80% with a minimum score of 80% on the final examination, and successful demonstration of all required skills.

**Course attendance policy:**

Student attendance is required at all scheduled classes, including lab sessions. Students may be dropped from the course for excessive absences of any kind. For reference, and to settle any potential dispute; Sinte Gleska University's pre-established attendance policy will be adhered to.

Excused absences may be granted by the course instructor for extenuating circumstances. If three or more absences occur for any reason, the status of the student will be reviewed by the faculty to determine a disposition. Removal from the course and failure is likely under these circumstances.

If a student misses any class, he or she is responsible for any missed quizzes, examinations, or assignments and material covered in that class session. Prompt arrival is expected at all class activities. It is the student's responsibility to sign in on the attendance roster.

**Comportment:**

Students are expected to conduct themselves in accordance with the professional expectations for EMT's at all times. Students are reminded that they are representatives of Sinte Gleska University's Health Sciences Program whenever and wherever they are involved with course-related activities. Professional conduct is essential to a successful course experience and EMS career.

**Academic Dishonesty:**

Academic dishonesty in any form will not be tolerated and is grounds for immediate dismissal from the program and other administrative action. Examples include, but are not limited to:

- Cheating in any form
- Falsification or forgery of academic documents, applications, clinical evaluations, lab evaluations, etc.
- Plagiarism (including copying and pasting of electronic text into assigned work)

**Assignments will be expected on time and assignments turned in late will be assessed at ½ value, no exceptions!**

**Course Grading and Grading Scale:**

Quizzes 41, each worth 20 points

Assignments 41, each worth 20 points

Exams 8, each worth 150 points

Final exam 1, pass or fail exam

Skills exam 1, pass or fail exam

**Total: 2,840 points**

**2524-2840 points = A (90 - 100%)**

**2272-2523 points = B (80 - 89%)**

**1988-2271 points = C (70 - 79%)**

**1704-1987 points = D (60 - 69%)**

**1703 or fewer points = F (0 - 59%)**

## Course Schedule

Date	Chapter	Assignments, Tests, Quizzes
Week 1		
Day 1 (4 hours)	Course Introduction and Overview  Chapter 1 Introduction to Emergency Medical Services and the Health Care System	Chapter 1 Quiz Chapter 1 Assignment
Day 2 (4 hours)	Chapter 2 The Well-being of the EMT  Chapter 3 Lifting and Moving Patients	Chapter 2 Quiz Chapter 2 Assignment  Chapter 3 Quiz Chapter 3 Assignment
Day 3 (4 hours)	Chapter 4 Medical, Legal, and Ethical Issues  Chapter 5 Medical Terminology and Anatomy and Physiology	Chapter 4 Quiz Chapter 4 Assignment  Chapter 5 Quiz Chapter 5 Assignment
Week 2		
Day 1 (4 hours)	Exam and Review of Exam  Chapter 6 Principles of Pathophysiology	Exam I (Chapters 1-5)  Chapter 6 Quiz
Day 2 (4 hours)	Chapter 6 Principles of Pathophysiology	

Date	Chapter	Assignments, Tests, Quizzes
Day 3 (4 hours)	Chapter 6 Principles of Pathophysiology	Chapter 6 Assignment
Week 3		
Day 1 (4 hours)	Chapter 7 Life Span Development	Chapter 7 Assignment Chapter 7 Quiz
Day 2 (4 hours)	Chapter 8 Airway Management	Chapter 8 Quiz Chapter 8 Assignment
Day 3 (4 hours)	Chapter 9 Respiration and Artificial Ventilation	Chapter 9 Assignment Chapter 9 Quiz
Week 4		
Day 1 (4 hours)	Exam and Review of Exam	Exam II (Chapters 6 -9)
Day 2 (4 hours)	Chapter 10 Scene Size-up	Chapter 10 Assignment Chapter 10 Quiz

Date	Chapter	Assignments, Tests, Quizzes
Day 3 (4 hours)	Chapter 11 The Primary Assessment	Chapter 11 Quiz Chapter 11 Assignment
Week 5		
Day 1 (4 hours)	Chapter 12 Vital Signs and Monitoring Devices	Chapter 12 Quiz Chapter 12 Assignment
Day 2 (4 hours)	Lab: Baseline Vital Signs, Monitoring Devices, and History Taking	
Day 3 (4 hours)	Exam and Review of Exam	Exam III (Chapters 10-12)
Week 6		
Day 1 (4 hours)	Chapter 13 Assessment of the Trauma Patient	Chapter 13 Assignment Chapter 13 Quiz
Day 2 (4 hours)	Chapter 14 Assessment of the Medical Patient	Chapter 14 Quiz Chapter 14 Assignment

Date	Chapter	Assignments, Tests, Quizzes
Day 3 (4 hours)	Chapter 15 Reassessment	Chapter 15 Quiz Chapter 15 Assignment
Week 7		
Day 1 (4 hours)	Chapter 16 Critical Thinking and Decision Making	Chapter 16 Quiz Chapter 16 Assignment
Day 2 (4 hours)	Chapter 17 Communication and Documentation	Chapter 17 Quiz Chapter 17 Assignment
Day 3 (4 hours)	Exam and Review of Exam	Exam IV (Chapters 13-17)
Week 8		
Day 1 (4 hours)	Chapter 18 General Pharmacology	Chapter 18 Quiz
Day 2 (4 hours)	Chapter 18 General Pharmacology	Chapter 18 Assignment



Date	Chapter	Assignments, Tests, Quizzes
Day 3 (4 hours)	Chapter 19 Respiratory Emergencies	Chapter 19 Quiz Chapter 19 Assignment
Week 9		
Day 1 (4 hours)	Chapter 20 Cardiac Emergencies	Chapter 20 Quiz Chapter 20 Assignment
Day 2 (4 hours)	Chapter 21 Diabetic Emergencies and Altered Mental Status	Chapter 21 Quiz Chapter 21 Assignment
Day 3 (4 hours)	Exam and Review of Exam	Exam V (Chapters 18-21)
Week 10		
Day 1 (4 hours)	Chapter 22 Allergic Reaction	Chapter 22 Quiz Chapter 22 Assignment
Day 2 (4 hours)	Chapter 23 Poisoning and Overdose Emergencies	Chapter 23 Quiz Chapter 23 Assignment

Date	Chapter	Assignments, Tests, Quizzes
Day 3 (4 hours)	Chapter 24 Abdominal Emergencies	Chapter 24 Quiz Chapter 24 Assignment
Week 11		
Day 1 (4 hours)	Chapter 25 Behavioral and Psychiatric Emergencies and Suicide	Chapter 25 Quiz Chapter 25 Assignment
Day 2 (4 hours)	Chapter 26 Hematologic and Renal Emergencies	Chapter 26 Quiz Chapter 26 Assignment
Day 3 (4 hours)	Exam and Review of Exam	Exam VI (Chapters 22-26)
Week 12		
Day 1 (4 hours)	Chapter 27 Bleeding and Shock	Chapter 27 Quiz Chapter 27 Assignment

Date	Chapter	Assignments, Tests, Quizzes
Day 2 (4 hours)	Chapter 28 Soft Tissue Trauma  Chapter 29 Chest and Abdominal Trauma	Chapter 28 Quiz Chapter 28 Assignment  Chapter 29 Quiz Chapter 29 Assignment
Day 3 (4 hours)	Chapter 30 Musculoskeletal Trauma	Chapter 30 Quiz Chapter 30 Assignment
Week 13		
Day 1 (4 hours)	Chapter 31 Trauma to the Head, Neck, and Spine	Chapter 31 Quiz Chapter 31 Assignment
Day 2 (4 hours)	Chapter 32 Multisystem Trauma  Chapter 33 Environmental Emergencies	Chapter 32 Quiz Chapter 32 Assignment  Chapter 33 Quiz Chapter 33 Assignment
Day 3 (4 hours)	Exam and Review of Exam	Exam VII (Chapters 27-33)
Week 14		
Day 1 (4 hours)	Chapter 34 Obstetric and Gynecologic Emergencies	Chapter 34 Quiz Chapter 34 Assignment

Date	Chapter	Assignments, Tests, Quizzes
Day 2 (4 hours)	Chapter 35 Pediatric Emergencies	Chapter 35 Quiz Chapter 35 Assignment
Day 3 (4 hours)	Chapter 36 Geriatric Emergencies  Chapter 37 Emergencies for Patients with Special Challenges	Chapter 36 Quiz Chapter 36 Assignment  Chapter 37 Quiz Chapter 37 Assignment
Week 15		
Day 1 (4 hours)	Chapter 38 EMS Operations  Chapter 39 Hazardous Materials, Multiple-Casualty Incidents, and Incident Management	Chapter 38 Quiz Chapter 38 Assignment  Chapter 39 Quiz Chapter 39 Assignment
Day 2 (4 hours)	Chapter 40 Highway Safety and Vehicle Extrication  Chapter 41 EMS Response to Terrorism	Chapter 40 Quiz Chapter 40 Assignment  Chapter 41 Quiz Chapter 41 Assignment
Day 3 (4 hours)	Exam and Review of Exam	Exam VIII (Chapters 34-41)
Final Exams		
Day 1 (4 hours)	Review Course Materials and Skills	
Day 2 (4 hours)	Final Written Examination	
Day 3 (4 hours)	Final Skills Examination	