

SYLLABUS
Spring Semester 2007
EMERGENCY MEDICAL TECHNICIAN – INTERMEDIATE COURSE
OEEM 150 & 150L
NMSU Grants Campus

Sponsored by:
UNIVERSITY OF NEW MEXICO
EMERGENCY MEDICAL SERVICES ACADEMY

INSTRUCTOR: Tomasita “Tomi” DeSoto, BS, I/C, NREMT-P

OFFICE PHONE: Work – (505)287-8708
Cell – (505)290-2268
Email – Candies@nmsu.edu

OFFICE RM. NUM: MC 311

OFFICE HOURS: One hour before and after class or by Appointment

CLASS HOURS: Thursday 8:00pm to 5:00pm
Fridays 8am to 12pm

COURSE OVERVIEW

This is the U.S.D.O.T. EMT course designed specifically for emergency medical personnel who have access to specialized vehicles equipped with specialized items of equipment. The course content trains emergency medical personnel to recognize and stabilize patients with life-threatening emergencies at the scene and in transport, utilizing the specialized items of equipment.

PURPOSE OF THE COURSE

1. To understand the theory of emergency care
2. To develop and demonstrate the skills needed to give emergency care.
3. To develop a personal and professional ethical code concerning the treatment and care of others.

REQUIRED TEXTBOOK AND REFERENCES

- EMT-I CD
 - Student Learning Objectives
 - Skill Sheets and Drug Formulary
 - Reference Readings
 - NM State Regulations and Scope of Practice

- Treatment Guidelines
- ILS Homework
- Etc.
- Textbook
 - Mosby's EMT-Intermediate Textbook for the 1985 National Curriculum revised edition
- EMT-Basic WebCT site
 - <http://salsa.nmsu.edu>

LECTURES

Lectures for each block will be posted on WebCT. It is the student's responsibility to print the lectures and bring them to class. Any additional handouts will be distributed in class unless otherwise stated by the instructor.

EXAMINATIONS

1. Four Written Examinations covering the three blocks of material. Each examination will be multiple choice, matching and true/false in format.
2. One Final Examination covering the entire course. This examination will consist of multiple choice, matching, and true/false in format.

QUIZZES

Quizzes will be given at various times throughout the class. Dates will be dependant on the instructor. Quizzes will not count against the student's grade, but may be eligible for an extra point that will be added to the score of the upcoming block exam. Each block quiz will be posted on WebCT and will close an hour before each block exam. The instructor may also give quizzes in class.

GRADING SCALE for the EMS Academy

A+	= 100 to 98	B+	= 89 to 87	C+	= 79 to 77	D	= 69 to 60
A	= 97 to 94	B	= 86 to 84	C	= 76 to 74	F	= 59 or less
A-	= 93 to 90	B-	=83 to 80	C-	= 73 to 70		

NOTE: No curve will be used in the class. It is therefore possible for the entire class to earn any of the grades outlined above.

ACADEMIC GRADE – Your final percentile score will be based on the following:

The EMS Academy requires that the following eight assessment tools be completed to the expectations outlined below. **Every student in any EMS Academy sanctioned ILS course must satisfactorily complete these eight assessment tools.** These include three homework assignments, three Section Exams, a pharmacology exam, and the Final Exam.

Each individual instructor has the right to incorporate quizzes, workbook assignments and other exercises that the student must successfully complete. If the instructor opts to incorporate such tools, you should receive a syllabus that is specific to that instructor's class by the end of the second class meeting.

Point totals for the EMSA required homework assignments, section exams, and pharmacology exam are as follows:

Homework #1 (Basic Exam)	50 Points
Homework #2 (ILS Math Practice)	25 Points
Homework #3 (Drip Rate/Drug Calculations)	25 Points
Section I Exam	75 Points
Section II Exam	75 Points
Section III Exam	75 Points
Pharmacology Exam	75 <u>Points</u>
Total Points Possible	400 Points

Before a student is allowed to sit for the Final Exam, the student **must** have achieved 80% of the total points possible on the above seven assessment tools. This translates to a point total of 320 points. There is no minimum score on any of these assessment tools. If a student has not scored at least 320 points and does not meet the 80% requirement, they may re-take one of the Section Exams or the pharmacology exam in an attempt to raise their average. Homework assignments may not be re-taken. If an instructor has added homework assignments and/or quizzes and increased the overall point total possible, the 80% rule applies to the amended point total. **Students who do not meet the 80% requirement will not be allowed to take the EMS Academy Intermediate Final Exam, and will not receive an EMS Academy Intermediate Certificate.** The student must re-take the entire course in an effort to obtain an ILS Certificate.

The **Final Exam** is worth 150 Points. ILS Candidates must score an 80% on the Final Exam to receive an EMS Academy ILS Course Certificate. If a student does not achieve an 80%, they may re-take the Final Exam if their score was 75% - 79%. The score on the repeated Final Exam must be an 85% for the student to receive a course certificate. The student must wait at least two days after the initial taking of the Final Exam before re-testing. **If the student does not pass the Final Exam, the student will not receive an EMS Academy ILS Certificate, and will need to repeat the entire ILS class to receive an ILS Certificate.**

Legal considerations

Students are not authorized to attempt the starting of IVs or any other invasive procedure on friends, family, or patients outside of class until the clinical internship period. IVs started during the clinical period must adhere to the guidelines distributed by the lead instructor. ***Any IV or other invasive procedure initiated outside of class before the clinical period begins will result in immediate termination from and a failing grade for the course.***

During your clinical experience, you may be presented with the option of performing a drug administration or skill that falls outside of the ILS Scope of Practice. To avoid any liability problems, **all skills performed by ILS candidates during the clinical period must be skills approved for the Scope of Practice for EMT-Intermediates.** The ILS Scope of Practice may be found in the publication DOH Regulation 95-04 (CHSD). ***An ILS Candidate who performs any skill that exceeds the ILS Scope of Practice will be subject to immediate dismissal from the EMSA ILS Program, and will receive a Failing Grade.*** The candidate will also be referred to the New Mexico EMS Bureau for possible further action.

Violations of patient confidentiality may be cause for immediate dismissal from the course.

Falsification of documentation may be cause for immediate dismissal from the course. The student(s) would then be referred to the EMS Bureau for possible further action .

ACADEMIC GRADE Vs E.M.T. CERTIFICATION

One of the unique aspects of this course is the opportunity to accomplish more than just an academic grade. All students who sign up for college credit will receive an academic grade. Those who successfully complete the following requirements will also receive their E.M.T. certification, which will make them eligible to sit for their licensure examination. It is important to understand fully

that your academic grade and your eligibility for your E.M.T. certification are only partially linked together. For example: you could conceivably do very well on the academic and skills portion of the class, but if you missed more than eight hours of class you would not be eligible for Your E.M.T. certificate.

E.M.T. CERTIFICATION REQUIREMENTS

The following requirements do not affect your course grade, but are necessary to receive a certificate as an E.M.T. which will give you the right to take the State or National Exam.

1. 80% or better on the cumulative scores of the seven assessment tools
Note: Of the seven assessment tools only **ONE** may be **below an 80% and must be a 70% or better** in order to retest. **Only one block exams may be retested.**
2. 80% or better on the final written exam. **Note: If the student fails with a grade no lower than 65%, they will be allowed to retest one time to earn a score of 80%.**
3. A current **provider** level CPR card
4. No more than a total of 12 missed hours of class time.
5. Mature Attitude
6. Satisfactory completion of all skills.

INVASIVE SKILLS

Skills Practice sessions are not typically graded, but are viewed as teaching & learning opportunities until the practical final exams. Instructors have the prerogative to utilize skills sessions and scenario performances as quizzes and/or skill completion exams.

The ILS candidate must complete each of the following *Skills Exams* successfully according to the EMS Academy guidelines and the judgment of the exam proctor:

- IV Initiation
- Intraosseous Initiation
- IV Medication Administration
- Intramuscular Administration
- Subcutaneous Administration
- Nebulizer Administration
- Trauma Assessment
- Medical Assessment
- Cardiac Arrest Management

Students may fail up to two of the skills test stations on their first attempt. If a

student fails one or two stations, the student may have one attempt at re-testing the needed station(s) during the skills re-test period. If a student fails three or more skills stations during the initial testing, or if the student fails a retest of a skills station, the student will not receive an EMS Academy Intermediate Certificate, and will need to repeat the entire class to obtain an ILS certificate. Generally, the practical exams are given at the end of the course, but they may be scheduled at any time during the last 24 hours of the class. Your instructor may utilize alternative methods of testing these skills, upon approval of the BLS/ILS Program Manager.

In addition to the completion of the eight testable skills, each student must complete at least two successful IV initiations, a subcutaneous administration, and an intramuscular administration on a fellow student during the class. Each instructor may set a higher number of successful IV initiations required for their class. A student who is unable to complete these requirements during the class will not receive an EMS Academy Intermediate Certificate, and will need to repeat the entire course to obtain an ILS Certificate. **Students are generally required to have at least two IV's started on them, plus at least one intramuscular injection and one subcutaneous injection.** This is an important lesson in what the patient feels during these procedures, as well as assuring enough IV initiation and IM/SQ opportunities for all students. If a student has a medical reason for not experiencing these procedures, they need to provide physician documentation of this medical problem.

SATISFACTORY COMPLETION OF SKILLS

Each student will be required to demonstrate the appropriate application and/or utilization of all of the equipment and techniques utilized by EMT's in patient care situations (refer to your EMS Academy Skill Sheets). In addition, all students must **successfully** complete three medical patient assessments and three trauma patient assessments to be eligible for certification as an EMT. Each student will be given at least five opportunities to pass the medical portion and five opportunities to pass the trauma portion. This exam is subjective and is based on the instructors' clinical and teaching experience. **Note during testing scenarios, students are not allowed to discuss the scenarios with students who have not yet tested or in the range of hearing for those who have not yet tested. Violation of this rule will constitute the dismissal of all students involved from the class without the ability to receive a certificate of completion.**

MAKE-UP EXAMINATIONS

Preferable, if a student must miss an exam, the student will "make up" the exam prior to the actual exam date. If this is not possible, then it should be taken as

soon as possible after the missed exam. **The make-up exam must be completed before the next regularly scheduled exam.** All make-up exams will occur outside of normally scheduled class time at the convenience of the instructor. It is the responsibility of the student to make these arrangements.

CONFLICTING SOURCES OF INFORMATION

In the realm of testing, the rank of importance of various sources of information will be instructor lecture, student handouts, reading assignments, other text, and personal experience.

AMERICAN DISABILITY ACT

If a student has learning or physical disability that requires special consideration it is incumbent upon the student to notify the instructor the first day of the course.

ATTENDANCE

Class attendance is not calculated into the student academic grade. However, **to receive certification as an EMT the student is not allowed to miss more than twelve (12) hours of class time.** When students approach the instructor and ask, "May I leave early or may I miss class" the instructor will always answer in the affirmative. Students are responsible for deciding how they can best schedule their time, and the instructor will always assume that the student has considered all the ramifications. **Instructor permission to leave early or miss a class in no way relieves the student from the twelve (12) hour limit for EMT certification.** In addition, when students request additional help outside of regular scheduled time, for skills practice, a critical examination of their attendance will ensue.

LATE WORK

No late work will be accepted!

ACADEMIC HONESTY

If the instructor suspects any form of academic dishonesty the student may be asked to involuntarily withdraw from the class, in compliance with EMSA, UNM, & NMSU policies.

READING ASSIGNMENTS

Students should read the assignments that are in this syllabus prior to the lecture covering that topic. This provides the necessary framework to organize the information presented in the lectures. It is the responsibility of the student to find

the pages that correspond in their specific book for the learning objectives. Furthermore, students are highly encouraged to seek out other sources of information.

HOMEWORK ASSIGNMENTS

Various homework assignments will be given throughout the course. Homework assignments will be announced in class at least one week before they are due.

LEARNING OBJECTIVES

Learning objectives are provided to the student as a guide of what material will be covered in the test. Students should expect that some learning objectives will not be covered in lecture. In cases where the learning objective is not covered in lecture, the information should be found in your “EMS in New Mexico” handout or the textbook. If neither provides the information you are seeking, ask your instructor.

MISSED CLASSES

If a student misses a class it is their responsibility to contact one of their classmates concerning any class announcements, schedule changes and/or lecture information.

CPR CERTIFICATION

All students must have proof of an EMS Bureau approved, current, and professional provider level CPR card before they can receive a certificate of course completion. Examples are the American Heart Association Provider Card, American Red Cross Provider, American Safety & Health Institute Professional, National Safety Council, etc. Please be certain that it is the **professional provider level**. A “Heart Saver” (AHA), “Adult CPR” (ARC) or similar card will **NOT** fulfill this requirement.

MATURITY AND HYGIENE

If for any reason the Instructor of the class feels that the student has inadequate personal hygiene or is insufficiently mature to provide patient care or work within the guidelines of the course, the student will receive counseling regarding the deficiency. If the student does not make appropriate changes, it is within the privileges of the instructor and/or the EMS Academy to withhold EMT certification.

TOUCHING

Due to the nature of this class students will be required to touch fellow classmates during the lab portions of the class. **Any inappropriate touching or sexual comments will result in immediate dismissal.** Saturdays will be lab days. Please wear old clothes due to the nature of the labs. Revealing clothes will not be tolerated during labs (i.e. short shorts, skirts, dresses, muscle shirts, short shirts, tube tops, etc.) Any student wearing these types of clothes will not be allowed to participate in the lab and will not be accounted for completing them.

ALCOHOL/DRUG POLICIES

Alcohol or drug use will not be tolerated in class or on campus. Any person attending class while intoxicated or under the influence will be asked to leave class for the day without credit and the hours missed for that day will be counted towards hours missed for the course. **On second offense the student will be immediately dismissed for the remainder of the course without credit or certification.**

CELL PHONES/PAGERS/RADIOS

All cell phones, pagers, and radios will be turned to silent mode or turned off during class. If they go off during class, that individual **will be deducted 5 points from the upcoming block test.** Only if the student is on call or duty, he/she will be excused from point deduction. The student must inform the instructor before the start of class if he/she must have their radio, cell phone, or page.

