



REMSA Center for Prehospital Education

Didactic Syllabus – EMT Program

GENERAL COURSE OVERVIEW

Course	Emergency Medical Technician Didactic, Laboratory, Clinical, & Field
Pre-Requisites	Enrolled in the medical academy
Class Schedule	REMSA Center for Prehospital Education 400 Edison Way, Suite B Reno, Nevada 89502 In person class held in room 314 at AACT High School Days / Times: Monday – Friday 1130-1300
Faculty	Heather Spencer, AEMT Office: 400 Edison Way, Suite B Office Hours: By appointment Phone: (775) 353-0704 E-mail: hspencer@remsa-cf.com (Preferred)
Course Description	This is the Emergency Medical Technician course covering the knowledge, skills and techniques required of an EMT. Areas to be included are: EMT roles and responsibilities, airway management, patient assessment, medical emergencies, anatomy and physiology, documentation, lifting and moving, and communications. Practical labs will be conducted. Upon successful completion of this course, the student will be eligible to take the National Registry test and certify as an EMT in the State of Nevada.
Didactic Description	Didactic content and theory to assess and treat the health of individuals and families across the lifespan in the pre-hospital setting. The course is divided into three divisions: Division 1 Med math, pharmacology, Medication Administration Division 2 EMS systems, workplace safety, med legal, EMT professionalism, ambulance operations, communication and documentation, cardiovascular, respiratory, neurological, digestive, urinary, trauma + medical emergencies Division 2 Lifespan development, OB/GYN, pediatrics, geriatrics, special populations, Mental Health, and toxicology Division 3 Trauma, MCI, and HAZMAT.
Clinical Description	Students will be required to complete one 12-hour emergency department shift. Students will sign up for the shift in class and they must complete the shift by final module exam. All emergency department shifts will be done at a local hospital coordinated by REMSA faculty. Shifts will be scheduled in class and students may not be granted shift changes or additional shifts once the schedule is made. Changes are made based on availability and the coordinators discretion. **Subject to change due to evolving are hospital pandemic policy.

Field Internship	Students are required to complete one 12-hour ambulance ride along with a REMSA field ground ambulance. Students will sign up for this shift in class and this must be completed by final module exam. Shifts will be scheduled in class and students may not be granted shift changes or additional shifts once the schedule is made. Changes are made based on availability and the coordinators discretion.
Documentation	Students will be assigned documentation assignments on various lab simulations of the instructors' choice. The students will receive blank charts and be informed of which scenario to document on prior to participating in the scenario. Charts will be due the following class period.
EMT Skills	Students will receive a set of skills sheets on the first day of class to be completed prior to the division 4 exam. These are not national registry skill sheets and include vital signs, patient assessment and spinal immobilization. Students who do not have the skills sheets completed with all appropriate documentation and signatures may not be eligible for certification or National Registry examination. Please make sure you bring these sheets to every class, as signatures will only be granted on the day of completion for skills.

COURSE CONTENT & RESOURCES

Teaching Strategies	<p>Lecture/Discussion Student Centered Learning Activities Audiovisual Media/Online Resources Case Studies/Written Assignments Testing/Quizzes/Practical Exams Psychomotor learning and skills assessments Clinical internship</p>
Objectives	<ol style="list-style-type: none"> 1. Identify the key elements necessary for effective EMS systems operations. 2. Describe the EMT's role in patient care situations as defined by the U.S. Department of Transportation. 3. Outline the benefits of specific lifestyle choices that promote personal wellness, including proper nutrition, weight control, exercise, sleep, and smoking cessation. 4. List measures to take or reduce the risk of infectious disease exposure. 5. Identify the roles of the EMS community in injury prevention. 6. Relate how laws affect the EMT's practice 7. Discuss specific prehospital ethical issues including allocation of resources, decisions surrounding resuscitation, confidentiality, and consent. 8. Discuss human anatomy and physiology across the life span as it relates to the care of the patient in the prehospital setting. 9. Describe the value of developing helping-trusting relationships, and work to develop a genuine empathetic and non-possessive approach to the delivery of prehospital care. 10. Identify health information from a wide range of sources. 11. Identify health criteria for individuals, families, and environments (political, social, and cultural). 12. Identify mental health assessment criteria in assessments of all individuals. 13. Identify signs and symptoms of disease states and illnesses related to pathophysiology in all of the human systems across the life span. 14. Describe prehospital treatment modalities, including pharmacology, for disease

states and illnesses related to pathophysiology in all of the human systems across the life span within the scope of an EMT.

15. Demonstrate skills associated with treatment modalities for disease states and illnesses related to pathophysiology in all of the human systems across the life span within the scope of an EMT.
16. Describe prehospital treatment modalities for traumatic injuries related to mechanisms of injury in all of the human systems across the life span within the scope of an EMT.
17. Demonstrate skills associated with treatment modalities for traumatic injuries related to mechanisms of injury in all of the human systems across the life span within the scope of an EMT.

Textbook: Emergency: Care and Transportation of the Sick and Injured, 11th Ed.
Pollak
Jones & Bartlet

Communication Students will be utilizing infinite campus to monitor grades and attendance. Students will communicate with the instructor through Remind or via email.

Content & Process The didactic portion of the REMSA/AACT EMT Program focuses on knowledge for skills, behaviors and self-awareness needed by the EMT to perform a complete health assessment with patients in a variety of prehospital settings. The knowledge acquired in the didactic portion of this program will be utilized throughout the clinical and internship portions of the program and your entire EMS career. An attempt has been made by faculty to coordinate content and skills across systems and topics being studied.

Skills necessary to the completion of a comprehensive health assessment and patient treatment in the prehospital setting have been identified and will constitute a portion of this didactic content in laboratory or scenario settings. Students will be tested using the current Lab Evaluation tool by program faculty. Clinical performance of the skill may be done in respective clinical sites supervised by clinical faculty after lab presentation/ practice.

Please read this syllabus carefully and be sure to ask questions when unsure.

GENERAL COURSE CONSIDERATIONS

Accommodations Any student with a disability needing academic adjustments or accommodations is requested to speak with your faculty or the Program Director, as soon as possible to arrange for appropriate assessments and accommodations.

Academic Honesty Academic dishonesty of any kind is incompatible with behavior inherent in becoming a professional EMS provider and is incompatible with being a student in the REMSA EMT Program. Academic dishonesty of any type will result in academic and/or administrative disciplinary action. Please refer to the *REMSA Student Handbook* section on Academic Dishonesty for specifics.

Cell Phone Etiquette	Turn your cell phone off or to silent mode during class. If you must answer an important call, please step outside to do so. Being on your cell phone during is disruptive to other students and the instructor and will not be tolerated.
Attendance	<p>The EMT curriculum is very fast moving and builds on itself. If you miss classes on one day, it will affect your ability to perform well in the rest of the classes throughout that module. Participation includes attending class and contributing to a positive learning environment. If a student's conduct disrupts this positive environment, this conduct can translate into termination from the program.</p> <p>A portion of your grade in this course will be based on participation and attendance that will be directly related to activities that occur in class to include at a minimum question/answer sessions, lab/skill scenarios, and division test preparation reviews.</p> <p>If you miss a class, you are responsible for any announcements / assignments made in class. It is your responsibility to get class notes from a fellow classmate. I will gladly answer specific questions about topics covered in a class you have missed. I will not repeat the class lecture on an individual basis.</p>
Tardiness	It is expected that a student may need to be late for unforeseen circumstances or emergencies. Late students are a disruption to the class and every effort should be made to arrive to class with enough time to prepare prior to the published start time of class. Students who are late to class will be identified on the sign-in sheet as "Tardy" and will have to provide a reason for their tardiness to the coordinator. Students that are late more than three times will have to schedule a meeting to discuss and agree to a remediation plan to correct the problem. Students that are late six or more times will be dropped from the program and refunds will be handled based on the current refund policy in the student handbook. Tardiness is defined as arriving after preliminary role is taken without prior notification and the instructor begins covering material. If the student contacts the instructor and informs them of being late before preliminary role is done, the student will not be identified as tardy.
Attire	This course incorporates skills and lab learning into the didactic content of the program throughout the schedule. It is expected that you will arrive to class in attire that is appropriate for both the classroom as well as the lab setting that will require you to bend, kneel, lift, and carry. Please review the student handbook for a more detailed review of the dress code and expectations.
Uniforms	For lab simulations, clinical and field rotations, students will be expected to wear a white collared shirt with absolutely no logos and black pants. Sturdy, closed toe, black shoes are required in all clinical sites and lab simulations. Students who are not dressed appropriately for lab, clinical or field rotations will be sent home and not be permitted to participate that day. If you have any questions regarding uniform policy, please speak to your course coordinator.
Late Work	Late work will not be accepted. Assignments turned in outside the predetermined due date will be recorded as a zero. Any exceptions to this rule will be at the instructor's discretion.

EXPECTATIONS OF STUDENTS

Information for this course will be posted on the student web site and communications for the entire class or for individuals privately will utilize the students email provided on the enrollment form completed in class. Changes to this email must be submitted to the course coordinator in writing via email.

If you do not have computer access at home or you have an older model computer that will not run some of the software programs, there are computers available in the REMSA Training Center at 400 Edison Way, Suite B that you may utilize.

- | | |
|------------------------|---|
| Before class, you will | <ol style="list-style-type: none">1. Read and comprehend the assigned readings.2. View any assigned media for each assignment.3. Review any A&P that might be necessary for clarity of assessment(s) for class.4. Complete any written assignments.5. Prepare questions for class if unsure of any content. |
| During class, you will | <ol style="list-style-type: none">1. Clarify any content or procedure which you feel is unclear.2. Discuss objectives which were not answered during study.3. Ask questions to more fully understand process or content regarding the procedure/discussion or topic for the day.4. Not engage in conversations with other students as this is disruptive behavior. |

Class will begin promptly. We will incorporate breaks throughout the class. Coming in late is disruptive to the entire class. Please be respectful of both the faculty and other students and arrive on time ready to begin class. It is faculty expectation that you will read this syllabus and ask questions and get clarification on any part of it that is not clear or understandable.

EXPECTATIONS OF FACULTY

Students may expect faculty to be on time for class and prepared.

Students may expect to have grades for tests posted on the web site within a reasonable time.

Students may expect that faculty will be available for office hours throughout the program. These times will vary so that all students will have an opportunity to meet with faculty regardless of class or work schedules. Faculty will be receptive to accommodating individual appointments for students who have conflicts with normal working hours.

Students may expect the faculty to be approachable, fair, respectful of each student's individuality, and have a sense of humor.

EVALUATION

Lab & Skills	Lab sessions are scheduled throughout the didactic phase of the program. Students will be required to participate in all lab sessions and complete all stations or skills assigned for the labs. Labs are designed to introduce students to skills and assessments building on the lectures and information they receive in the classroom. Skills and assessments will progress from simple to complex based on the current education completed. As new skills are introduced they will be taught and evaluated individually. Once a skill is understood and can be completed correctly, that skill will be integrated into the overall assessments in future labs. An example of this would be use of a glucometer. Students will be taught and evaluated using a glucometer as an individual skill at first. Once the student understands the function, has been taught the indications for use and importance
--------------	--

in the overall clinical assessment in the classroom, and has been evaluated using the device, the use of the glucometer will become a tool that can be used in ongoing assessments and labs throughout the program.

Homework	Homework assignments, due dates and deadlines will be listed in the course calendar as well as on Infinite Campus. If you are scheduled to be gone or if you are absent on the day an assignment is due, it is your responsibility to contact the course coordinator to schedule a time of when you will turn in the missing assignment. If the assignment is not submitted by that Friday when grades are updated, a 0 will be placed until the assignment is turned in. Assignments will not be accepted anymore than 1 week after the set due date. 10% will be deducted for each day it is missing.
Quizzes	Quizzes will be listed on the calendar. If you are going to miss a quiz, you MUST notify the instructor before class to schedule a time to make up the quiz. You will only have 1 week after the quiz date to make up a quiz. Quizzes may be made up after a week by exception only. The lowest quiz grade will be dropped at the end of the semester prior to grades being finalized.
Exams	<p>Division Tests: A Division Exam will be given at the completion of each division and graded by percentage. Exam questions are taken from the texts, media, and classroom material for all lectures in that Division. They may be multiple choice, short answer, matching, and true/false questions. Test questions will cover only that section of content from the beginning of the division to the time of the test. You must pass each Division Test with a score of 80% or better to maintain eligibility for certification. If a student scores <80% they will be allotted one retest. If an 80% or higher is scored, students will not have the option of retesting. Retests and test dates are final. If you are going to be absent on a test date, you must notify the instructor before the exam and schedule an exam date after school by appointment only.</p> <p>No alternative test times or dates will be permitted. Any test missed will be recorded as a zero!</p>
Certification	National Certification Modules: In addition to passing each Division, the student must successfully complete an American Heart Association Basic Life Support CPR class prior to completing the course.
Behavior	Students must maintain professionalism in the classroom, lab and clinical rotations. Poor behavior or acting out will not be tolerated. If a student is rude, disruptive, inappropriate or unprofessional, they will stay after class for corrective action. Continuation of the behavior will result in a meeting with the student's counselor, vice principal, parents/guardians, and/or the principal.
Citizenship	Citizenship grades are based on Nevada State Standards on Employability Skills. These include punctuality, motivation, collaboration, and appropriate use of technology. Weekly citizenship grades will be issued.

ATTENDANCE

Process	Attendance will be taken at the beginning of each class by signing on the daily class roster. The binder will be put away 5 minutes after the start of class, if you do not sign in you will be marked absent in infinite campus. If you miss 15 or more class periods, you will be ineligible for certification. Planned absences must be communicated to the course coordinator/instructor.
---------	---

GRADING INFORMATION

Minimum	The minimum average passing Course grade for certification eligibility is 75%		
3* Categories	30%	In class assignments/homework	
	30%	Evidence based research	
	20%	Quizzes	
	20%	Division Exams	
7* Categories	50%	Lab participation	
	30%	Charts/ Assignments	
	20%	Hands on exams	

Exam Grades: Minimum passing grade on all module exams is 80%.

Posting	All grades will be posted in a timely manner in the grade book available online.
---------	--

Calculations	Final Grade Calculation will be done as follows: A = 90% to 100% B = 80% to 89% C = 70% to 79% D = 60% to 69% F = <60%
--------------	---

Rounding	The final grade, division exams and quizzes, which includes a number following the decimal point will be rounded up to the next tenth IF the number following the decimal point is 0.05 or above. For example, a grade of 91.93 will be rounded to 91.9, and a grade of 91.95 will be rounded to 92.0.
----------	--

Extra Credit	Extra credit opportunities will be offered throughout the entire semester. They may be applied to quizzes, upcoming division exams, or assignments that were scored low. They also may be applied to certain categories. Extra credit will not be allowed to be applied to previous division exams. Any extra credit left at the end of the semester will be applied to the lowest graded category.
--------------	---

STUDY HABITS

General Tips	Attend class, showing up is half the battle
--------------	---

Before Class	Preread assigned lecture material Take light notes
--------------	---

- Highlight important concepts
- Have unclear info or questions ready
- Try to understand, not just to memorize
- Utilize workbook or online access

During Class

- Actively participate
- Take notes
- Ask questions

After Class

- Clarify important concepts
- Review notes and concepts within 24 hours (80% retention)
- Restructure, reword, reorganize notes so YOU can understand

Before Exam

- Review quizzes, notes and other material over one week or so (DON'T CRAM)
- Reread any unfamiliar terms or material (NOT EVERYTHING)
- Get plenty of rest and show up early
- Do not study during the hours before the exam

Study Groups

- Choose location and people wisely

Remember what way you learn best and understand and find a strategy to make it happen!

SCHEDULE

Class Schedule

The class schedule has been attached to this syllabus. Please read through the entire schedule including the notes at the conclusion of the schedule.