



REMSA Center for Prehospital Education

Didactic Syllabus – EMR Program

GENERAL COURSE OVERVIEW

Course	Emergency Medical Responder Didactic, Laboratory, clinical								
Pre-Requisites	Actively enrolled student at AACT High School								
Class Schedule	AACT High School 380 Edison Way, Suite B Reno, Nevada 89502 Classroom: 314 Times: 4 th period from 1300-1425 Join us on Remind by texting @21224e to 81010 Join us on Canvas by going to https://k12.instructure.com/enroll/LKCCJ4								
Faculty	Heather Spencer 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 Responder course where students will learn how to recognize and treat emergencies as a first responder in accordance to Nevada State EMS Scope of Practice. Students will learn and apply material from lecture and in their reading to labs. Students will have the opportunity to do one 4 hour hospital shadow at Northern Nevada Medical Center. Students who meet qualifications will have an opportunity to test for their EMR state certification at the end of the school year.								
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 four divisions: <table border="0" style="margin-left: 20px;"> <tr> <td style="vertical-align: top;">Division 1</td> <td>EMS systems, history of EMS, workforce safety, pathogens and disease processes, anatomy and disease processes of cardiac and respiratory, lifting and moving, ambulance operations, patient assessed, CPR and first aid</td> </tr> <tr> <td style="vertical-align: top;">Division 2</td> <td>Pharmacology and medication administration</td> </tr> <tr> <td style="vertical-align: top;">Division 3</td> <td>Medical emergencies and EMR management</td> </tr> <tr> <td style="vertical-align: top;">Division 4</td> <td>Trauma, Pediatrics, OB and childbirth, Incident management and vehicle extrication</td> </tr> </table>	Division 1	EMS systems, history of EMS, workforce safety, pathogens and disease processes, anatomy and disease processes of cardiac and respiratory, lifting and moving, ambulance operations, patient assessed, CPR and first aid	Division 2	Pharmacology and medication administration	Division 3	Medical emergencies and EMR management	Division 4	Trauma, Pediatrics, OB and childbirth, Incident management and vehicle extrication
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Division 2	Pharmacology and medication administration								
Division 3	Medical emergencies and EMR management								
Division 4	Trauma, Pediatrics, OB and childbirth, Incident management and vehicle extrication								
Clinical Description	Students will have the opportunity to complete one 4-hour emergency department shift. Students will sign up for the shift in class and they must complete the shift 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. Students will not be allowed in any clinical								

setting if they have an overall class grade <70%. **Subject to change due to evolving are hospital pandemic policy.

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.
EMR 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, airway management and medication administration. Students who do not have the skills sheets completed with all appropriate documentation and signatures may not be eligible to take the final exam. 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	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
Objectives	<ol style="list-style-type: none">1. Identify the key elements necessary for effective EMS systems operations.2. Describe the EMR'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 EMR's practice7. 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 EMR.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 EMR.

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 EMR.
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 EMR.

Textbook: Emergency Medical Responder 6th Edition
Pollak
Jones & Bartlet

Infinite Campus Students will be utilizing Infinity Campus for checking overall grades for each division and assignment. Students will be using remind and email to communicate with the instructor.

Content & Process The didactic portion of the AACT EMR Program focuses on knowledge for skills, behaviors and self-awareness needed by the EMR 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. All content corresponds and complies with the WCSD EMS standards.

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 EMR 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 EMR 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, academic counseling and corrective action will be taken.</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. To maintain certification eligible, you will not be allowed to miss more than 12 school days in the entire year, regardless if scheduled or nonscheduled.</p>
Tardiness	<p>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 arrive more than 5 minutes after class has begun, without a pass, will be marked as tardy. 2 tardy marks counts as one missed class.</p>
Attire	<p>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.</p>
Uniforms	<p>For lab simulations and clinical 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 an lab simulations. Students who are not dressed appropriately for lab, clinical or field rotations will not be permitted to participate that day and will need to sit out and miss out on participation points. If you have any questions regarding uniform policy please speak to your course coordinator.</p>
Late Work	<p>Late work will not be accepted unless you notify the instructor ahead of time, or during the day of the absence. Late work that has been approved for late submission must be submitted no later than one week after the original due date. Each day the assignment is late is 10% off the overall grade. Anymore than 7 days will be marked as a 0.</p>

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.
Homework	Homework assignments are posted on the course schedule as well as the due dates. If due dates or homework assignments change, the instructor will notify the class of when the assignment will be due.
Quizzes	Quizzes are scheduled on the course schedule. If you miss a quiz without notifying the instructor, you will receive a 0. If you are scheduled to miss a class when a quiz will be held or if you are out for a specific reason, you must notify the instructor no later than the day of the missing quiz to schedule a make up quiz. Quizzes must be taken 1 week after the initial quiz date. To maintain eligibility for certification, all students must have a cumulative grade of 70% on quizzes. The lowest quiz grade will be dropped at the end of each semester.
Exams	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 75% or better to get credit for eligibility for certification. Students scoring <80% on the Division Test will be allowed to retest one (1) time per exam. Retests must be completed on the specified retest date. If you are scheduled to be missing class the day of an exam or retest, you must make arrangements with the instructor.
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 may also be evaluated using the REMSA Professional Behavior Evaluation adopted from the 2002 National Guidelines for Educating EMS Instructors. This evaluation identifies affective behaviors that are critical to your success as an EMS professional. These evaluations will be used to help you grow as an individual and a professional. Poor evaluations will result in counseling and corrective action. Continuation of poor, rude, or unprofessional behavior will be subject to a meeting with the instructor, parent/guardian, and administrative personnel at AACT.
Overall	For certification, students must have an overall score of 70% in the class at the end of each semester. For those not obtaining certification, students must have an overall score $\geq 60\%$ to pass the class.

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. If you must miss a class for a good reason, you need to notify faculty of the reason and the date of the class you will be missing prior to the beginning of the class. If you forget to sign in one day, you will be marked absent and not receive credit for that class. The sign in book will be put away within the first 15 minutes of class.

GRADING INFORMATION

Minimum

The minimum average passing Course grade is 70%.

Categories

: 25% In-class and homework assignments
 25% evidence-based research
 15% Labs
 20% Quizzes
 15% division exams

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%

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.

The cumulative grade for the Didactic Section of the REMSA AEMT Program must be 70% or greater in order to continue in the program and progress into subsequent divisions.

Extra Credit

Extra credit opportunities will be offered throughout the entire school year. Extra credit may be applied to current division exams (not previous), quizzes, missing assignments or towards a category. Students will only be allowed to use up to 5 points of extra credit on division exams and quizzes. If extra credit is not used, it will be applied to the lowest scored category at the end of each semester.

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.