

**Paramedic Certificate Course
Competency Based Syllabus
January 202X**

Course Number EMS 1XX Lab		Paramedic Preparatory, Pharmacology, Airway Management, and Trauma Patient Management Laboratory course		Credit hours X
Hours: XXX Outside hours: XX	Lecture/Discussion hours X	Lab/Simulation hours XXX	Clinical hours X	Field hours X
<p>Course Description: During this course students progress through skill demonstration, skill practice, skill mastery evaluation, patient care scenarios, and scripted simulations. Skills are tracked according to the Student Minimum Competency requirements. Demonstration of Competency is evaluated in the following topic areas: leadership and participation, assessment and response, patient assessment skills, airway skills, medication administration skills, and trauma skills.</p> <p>Attainment of competencies is tracked via an online tracking program. Assessment is completed through both peer and faculty evaluation. Skill and patient encounter documentation is continued in the clinical and capstone field internship phases of the Program. The laboratory phase requires application of knowledge gained in the classroom and independent learning to the psychomotor domain. Affective performance is also measured.</p>				
<p>Prerequisite(s): Current state EMT or AEMT certification/licensure Anatomy & Physiology approved course All required immunizations Background check and drug screen</p>				
<p>Methods of Instruction: Instruction is a combination of skill demonstration, skill practice, patient care scenarios, scripted simulations, and inquiry-based learning. Students develop skills and critical thinking through the use of skill labs, scenarios, and simulations. Learning is a self-motivated active process, which is goal-directed, and is the responsibility of the individual. The program uses a learning management platform. The Premier Access package provides access to an online companion for the text with study guides and other practice material. The site is accessed through XXXX. Reading and other assignments are to be completed prior to each class session. Students should be prepared to participate in discussions without advance notice.</p> <p>This course occurs in conjunction with Paramedic EMS 1XX Didactic, which is the classroom didactic component that provides students with the knowledge base to apply to patient assessment and management. All hours are in residence.</p>				

Program goal: To prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

Topics for skills and scenarios

- I. Preparatory
- II. Patient assessment
 - A. Patient assessment
 - B. Critical thinking and clinical decision making
- III. Pharmacology
 - A. Medication administration
- IV. Airway management
 - A. Airway management and ventilation
- V. Shock and resuscitation
 - A. Management and resuscitation of critical patients
- VI. Trauma
 - A. Trauma systems and mechanism of injury
 - B. Bleeding
 - C. Soft tissue injury
 - D. Burns
 - E. Face and neck trauma
 - F. Head and spine trauma
 - G. Chest trauma
 - H. Abdominal and genitourinary trauma
 - I. Orthopedic trauma
 - J. Environmental emergencies
- VII. Operations
 - A. Incident management and MCI
 - B. Vehicle extrication and special rescue
 - C. Hazardous materials
 - D. Disaster response
 - E. Crime scene awareness

Note: the sequence of instruction of topics may vary from the order above.

Required textbooks

A complete listing of required textbooks, including the current editions and ISBN numbers, is included in the Student Enrollment Agreement.

Required Materials:

Laptop or other smart device
Program uniform
Diagnostic tools

EMS Program Office Hours: 9 AM 5 PM

Phone: xxx xxx-xxxx

No.	Competency/Objectives
After successful completion of this course the student will be able to:	
2.	Integrate cognitive knowledge into psychomotor learning in the assessment and management of the depth and breadth of patient types, conditions, and age groups.
3.	Complete sufficient skill practice/repetition to reach automatic skill performance.
4.	Demonstrate mastery of all skills identified, progressing from formative to summative evaluations.
5.	Incorporate appropriate skills in the management of the variety of patient presenting complaints.
6.	Demonstrate appropriate responses and participation as a team member.
7.	Successfully serve as team leader during simulated patient encounters.
8.	Demonstrate competent scene choreography in simulated patient encounters.
9.	Communicate patient presentation, assessment, intervention, and response effectively in person and in writing.
10.	Respond appropriately to communication from faculty and peers.
11.	Accept constructive feedback from preceptor and use the information to improve patient assessment and management skills.
12.	Display behavior that is consistent with a professional health care provider.

Course Completion and Grading

Completion of the Paramedic program is subject to the following criteria:

1. Successful completion of all section **major** exams: unit exams specify the minimum passing grade on each exam.
2. Completion of all assignments including quizzes and other assignments.
3. Participation in practical sessions and successful completion of all skills exams, rated on a "Pass/Fail" basis.
4. Completion of the course didactic **final** cognitive exam with a minimum grade of XX%.
5. Completion of the Program summative **capstone** cognitive exam with a minimum required score.
6. Successful completion of the Program summative capstone practical exam.
7. Successful completion of the Program summative capstone affective evaluation.
8. Completion of all program requirements in the Student Minimum Competency (SMC).
9. Successful completion of ACLS, PALS, and PHTLS, according to the pre-set guidelines of the course.
10. Compliance with all attendance requirements.

The final course/Program didactic grade is weighted and includes the following components:

11. Major/unit exams XX%
12. Course didactic final cognitive exam XX%

Grading:

- A = 90 – 100%
B = 80 - 89%
C = 72 – 79%
F = ≤ 72%

Method of Evaluation:

1. Major/unit exams
2. Course didactic final cognitive exam
3. Program summative cognitive exam
4. Quizzes (in-class or online)
5. Special assignments, case presentation, or research paper
6. Affective evaluation

Refer to the course schedule for the dates and topics for quizzes, unit exams, and final course exam.

Online quizzes

1. Are taken in class the first class day following the classroom discussion.
2. Quizzes are graded and the score released upon completion of the quiz.
3. Quizzes may be taken a total of X attempts and the average of the scores is recorded.
4. The quiz average must be maintained at XX%. Failure to do so will result in counseling and progressive discipline.

Retest Policy for Major/Unit Exams

1. Major exams measure knowledge/competency in specific content areas and therefore, the student must attain a successful score to continue in the program.
2. The passing score in the Paramedic Program follows the specified score for major/unit exams including the final at the completion of the didactic and lab phases.
3. If the student scores less than the required score on a major exam, the student is retested on a second exam covering the same topics but with different questions.
4. If the score on the retest is less than the required score, the student fails the Program and is dismissed with counseling and suggestions on how to improve performance if they wish to reenter a Paramedic program.
5. On subsequent major exams, the student will only have one additional opportunity to retest a major/unit exam and the same procedure/grading applies.
6. The third instance of failure of a major exam results in dismissal from the program.
7. The didactic final exam is eligible for retest **if** the student has failed no more than one major exam with a successful score on the retests.
8. The instructor and student will determine a mutually agreed upon time to retake an exam. The exam must be completed by that date, not to exceed 10 calendar days.

Additional Completion Requirements

1. Successful completion of the following courses: ACLS, PALS, BLS, and PHTLS
2. Assigned homework.
3. Assigned projects and/or case presentations.
4. All summative evaluation ratings on the Professional/Affective Behavior Evaluation tool at the end of the course must be fair or good. Any ratings of needs improvement results in a failing grade.

Policy for Psychomotor Testing

1. Students must complete program requirements for Student Minimum Competency, based on recommendations by CoAEMSP. The Student Minimum Competency Recommendations include both formative experience and evaluation for terminal competency.
2. A psychomotor exam occurs at the completion of the didactic and laboratory phases.
3. The student can be retested on the same day at the discretion of the exam coordinator.
4. The exam coordinator may elect to refer the student for remediation prior to retesting.
5. A second failure of a skill station *requires* remediation.
6. The third retest of a skill station may be conducted by the Program Medical Director or a faculty member.
7. The third failure constitutes failure of the Program.
8. The summative capstone psychomotor exam consists of one complex out-of-hospital scenario.
9. One retest of the capstone scenario is permitted.
10. Failure of the capstone scenario on retest constitutes failure of the Program.

Attendance Policy:

Students must attend at least XX% of the classroom and laboratory hours during the term. Students will be assigned make-up work for all classroom hours missed: usually in the form of written essays on the topics missed during the absence.

Tardiness is a disruption of the learning environment. Any student arriving to class more than fifteen minutes late will be docked one hour of class attendance.

Students are expected to attend class as scheduled. Absence and tardiness will be recorded at each class and the instructor will counsel students demonstrating attendance problems. Students failing to maintain satisfactory attendance and missing more than XX% of the course hours in the term, will be dropped from the program.

Instructor Name:

XXXXXX

Phone:

(office) XXX XXX-XXXX

E-mail:

XXXXXX

Instructor Office Hours:

Hours vary based on class activities. Please contact instructor to schedule appointments as necessary.

Accommodations for Students with Disabilities

CES provides reasonable and appropriate accommodations for students with a documented disability. In accordance with the Americans with Disabilities Act (ADA), it is the student's responsibility to notify CES, in writing, of any diagnosed disability and provide the appropriately prescribed accommodations requested. **This documentation must be provided at the time of enrollment and at least XX business days prior to the first day of the program.**

Additional Program policies

Refer to the *Student Handbook* for information regarding all Program policies including accreditation, diversity and discrimination, learning resources, policies regarding payment, withdrawal, dress code, use of electronic equipment, health, drugs and alcohol, injury reporting, academic progress and academic probation, student conduct, conflict resolution, patient confidentiality, use of social media, graduation/completion requirements, and other Program policies.

Program Information Disclaimer

From time-to-time various regulatory, accreditation, public health, or other operational requirements make changes to Program information and policies necessary. When this occurs, changes may be implemented during the term the student is enrolled or the catalog year. In this situation, the staff will work with the students to meet and accommodate the new requirements when possible.

The course schedule may also be altered based on course needs, delivery methodologies, instructor schedules, or other factors.