

PERCOM EMS Medical Education Consortium Paramedic Program

LAB/PRACTICE AND TESTING SKILLS SESSIONS FOR P1

PERCOM Online, Inc. AEMT Program
EMERGENCY MEDICAL SERVICES ACADEMY

Course Syllabus

TARGET AUDIENCE: Candidates for this program must be and remain certified as at least EMT level. Students will be required to produce and maintain evidence on file of a current NREMT or TDSHS certification at EMT or higher prior to attending the first skills lab session in Texas. Rules in other states in which skills sites are located may vary, and students may be required to meet those individual state requirements. Students must have completed through the Patient Assessment section of the P1 Course to be eligible to start Lab Skills Practice and Testing for P1.

PROGRAM GOALS AND EXPECTED OUTCOMES: PERCOM EMS Medical Education Consortium strives to ensure that competent, entry-level students graduate, become certified or licensed and move into patient care jobs and volunteer positions that continue to be desperately needed in the community. To achieve this overall course goal, the Paramedic Program is broken into 2 primary Paramedic course segments, Paramedic 1 and Paramedic 2 (P1 and P2). (Students seeking only NREMT-Advanced – AEMT certification will only be required to complete P1, P1 labs and P1 clinical and field rotations.) Students who wish to be eligible for Paramedic certification must successfully complete both P1 and P2 segments, including associated Labs, Clinical and Field Experiences, Final Field Internship and a summative Graduate Scenario Examination with the Medical Director. The following outcomes and objectives have been adopted and must be demonstrated by each student prior to successful completion of the program.

Student Learning Outcomes Statements

Objectives

The program prepares its graduates to:

- Demonstrate individual professional behaviors consistent with employer and community expectations of an entry-level paramedic.
- Demonstrate technical proficiency in all of the skills identified for the role of an entry-level paramedic.
- Comprehend, apply, and evaluate information relative to the expected duties, roles and responsibilities of the entry-level paramedic.

Expected Outcomes

Students in the program will demonstrate:

1. Cognitive knowledge level expected of an entry level paramedic and as necessary to function in a healthcare setting.
2. General medical knowledge expected of an entry level paramedic and as necessary to function in a healthcare setting.
3. The ability to collect data from charts and patients and appropriately interpret that data.
4. The ability to thoroughly assess a patient utilizing various diagnostic tools and procedures.
5. The ability to recommend appropriate therapeutic procedures and make sound patient care judgments as expected of an entry level paramedic.
6. The ability to perform a broad range of clinical skills, procedures and equipment.
7. The ability to communicate and interact effectively with non-clinical and clinical persons in various healthcare and scene environments.
8. The ability to present oneself in an ethical and professional manner.
9. The ability to manage time efficiently while functioning in a healthcare setting.
10. The ability to use critical thinking skills to assess and treat patients in emergency settings.

METHODS OF EVALUATION: To graduate from the P1/AEMT program, students must demonstrate minimum levels of competency in the following areas: cognitive (knowledge), psychomotor (skills and hands-on type performances) and affective (behavior and attitude). The last area, affective, involves the student's ability to demonstrate the following characteristics throughout the program, and students will be graded on each at various stages and throughout the entire course: integrity, empathy, self-motivation, appearance and personal hygiene, self-confidence, communications, time management, teamwork and diplomacy, respect, patient advocacy, and careful delivery of service.

In the lab "skills" sessions, students will be required to practice and successfully demonstrate minimum levels of competency on designated psychomotor skills and skills competencies to include formative and summative scenario practice and testing. Students must be prepared for the skills practice and testing sessions as directed or they may be sent away as "unprepared". If the student fails any of the skills, doesn't complete a skills session in its entirety, is a "no-show" for a locked skills session, or is sent away as "unprepared", he/she will be required to pay a rescheduling fee, reschedule and successfully complete a future skills session. Students are required to ultimately pass all designated skills and scenario testing to pass this component of the program. *Students may attend one P1 Practice Session after being cleared by the lead instructor as having completed everything from the top through the Patient Assessment section but further Practice and Testing sessions will be withheld until after the P1 Final Exam has been taken and passed.* Students will be expected to "declare" their intentions at the first P1 Practice Session as to whether they only wish to complete AEMT with PERCOM or if they wish to go all the way through as a Paramedic student. This allows the student time to "test drive" the program and also to receive advice and counseling as needed from PERCOM didactic and skills instructors prior to making the final decision. *Students may complete the remaining (or all) P1 Lab Skills Practice and Testing Sessions while in the P2 Didactic segment of the Paramedic program.*

REQUIRED MINIMUM COMPETENCIES TO COMPLETE LABS: Students are required to enter all data/credits from each Lab session during or immediately following the Lab session. For the Paramedic student, these will be automatically added to the minimum skills requirements for P2 Lab Skills Practice and Testing so that minimum total requirements from both are met or exceeded. Refer to the P2 Lab Skills Practice and Testing Syllabus for further information.

Airway Monitoring with Devices	-	5	Airway Positioning Adult	-	5
Oxygenation with BLS Devices	-	5	BLS Airway Adjuncts Adult	-	2
BVM with O2 Adult	-	2	Ventilator Adult	-	1
CPAP/PEEP	-	5	Inhaled Med. Delivery	-	4
Alternative Airway Placement	-	14	Endotracheal Intubation Adult	-	15
Nasotracheal Intubation Adult	-	2	Tracheal Suctioning	-	2
Needle Cricothyrotomy	-	5	Surgical Cricothyrotomy	-	5
NG/OG Tube Placement	-	1	Chest Decompression	-	5
IV Therapy Manikin	-	14	IV Therapy Live	-	2
Phlebotomy Manikin	-	4	Phlebotomy Live	-	1
IV Bolus Medication Admin.	-	5	IM/SQ Medication Admin.	-	3ea
Intranasal Medication Admin.	-	4	Glucometer Assessment	-	2
Urinary Catheterization	-	2			
Intraosseous Medication Admin.	-	5	Airway Positioning Pedi	-	5
BLS Airway Adjuncts Pedi	-	5	BVM with O2 Pedi	-	3
Relief of Choking – Infants	-	2	Relief of Choking Pts > 1yo	-	2
Endotracheal Intubation Pedi	-	17	Comp. Normal Pedi Phy. Exam	-	4
Pedi Respiratory Compromise	-	1	Comp. Normal Adult Phy. Exam	-	2
Obtain a Patient Hx	-	2	Cardiac Arrest Manage. AED	-	1
Cardiac Arrest Manage. With ACLS	-	1	Pt. Assessment Medical	-	6
CPR 1 and 2 Res. Adults/Children/Inf.	-	3ea	12 Lead ECG Elect. Placement	-	4
Trauma Patient Assessment	-	6	Trach Tube Care/Replacement	-	1
Trach Tube Insertion	-	1	Endotracheal Intubation Trauma	-	6
Spinal Immobilization Seated	-	3	Spinal Immobilization Supine	-	3
Joint Splinting	-	3	Long Bone Splinting	-	3
Hemorrhage Control	-	3	Traction Splinting	-	3
Normal Delivery with Newborn Care	-	5	Abnormal Delivery w New Care	-	5

Students will also be required to complete a minimum of 28 patient simulations/scenarios with specific conditions and patient age categories will be met, as well as working in roles of Team Leader and Team Member. Finally, all students will be required to pass individual summative psychomotor skills testing and simulation Team Lead testing. All minimums above, simulations and final summative psychomotor testing and simulation testing must be successfully completed prior to being allowed to move on to the Clinical and Field Rotations segment of the AEMT program if choosing to complete for NREMT-Advanced (AEMT) certification.

DISABILITIES OR HANDICAPS: Students who enter the program with a disability or handicap must notify the course coordinator or lead instructor by the beginning of the third class.

Any alterations in testing or clinical rotations during the course do not ensure that the same alteration will be made for the student in the national-testing situation. If a student needs accommodation for a disability at a national-testing site, the student must notify the coordinator by the beginning of the third class. Any accommodation for disability at the national-testing site must be pre-arranged with the national examination program. It is not the responsibility of PERCOM to arrange or make decisions regarding the national approval of any disability or handicap that might affect the candidate during the testing process, nor does PERCOM take any responsibility for any refusal or denial of lack

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of acceptance by the national examination or state certifying organizations. Disabilities and Handicaps that are to receive an accommodation at the national-testing site shall be confirmed by a physician's statement of disability/handicap or any other requirements as listed by the national testing or state certifying organizations or agencies.

SCHOLASTIC DISHONESTY: Students are responsible for adhering to the PERCOM policy on academic dishonesty on Pgs. 26-27 of the online Student Handbook located at the web address below:

<https://www.percomcourses.com/percom-policies>

Students should also read this entire Handbook for all general Rules and Policies governing the Program and its students.

CLASS DATES AND TIMES: Skills lab opportunities are posted on the Events Calendar at percomcourses.com. Students are required to be eligible to RSVP for a specific skills lab event, and the skills labs must be completed in order (days 1 through 6). RSVP deadlines are typically two weeks ahead of the scheduled session (unless otherwise posted) and are also posted on the Events Calendar. Hours vary at the skills lab sites and are set by the site or individual skills instructor. This information will be distributed by email from the lab instructor to students who are “locked and confirmed” into the skills lab session.

Students should begin planning early in the program and target the didactic program requirements to allow them to complete the P1 Days 1 and 2 Skills Lab requirements as early as possible. Waiting until after taking the P1 Final Exam to begin all three required lab sessions will delay the course unnecessarily in some cases. However, students may opt to request and pay extra for “1 on 1” skills practice and testing sessions to develop a schedule that is more palatable to the student to achieve all skills requirements in a shorter and more compact time period than is posted on the Events Calendar.

Required

Materials: Students must bring all lab paperwork to the site for every session for review and documentation purposes. This paperwork is posted inside the course at percomcourses.com in the Student Resources Module. Paperwork for P1 sessions includes but is not limited to the following items. All of these documents are located inside the course at percomcourses.com in the Student Resources module near the top of the course.

P1 Competency Worksheet

All skills checksheets

IV and Phlebotomy Sheet

Entry Level Proficiency Form (once signed by instructor and student and submitted, it is not required that the student bring it to subsequent skills labs)

Procedure Competency Form Endotracheal Intubation

Also, all students are required to be successfully enrolled and assigned to the appropriate lab class in platinumplanner.com BEFORE attending the session. Instructions will be emailed to the student when “lock and confirmation” is established and those emails sent. If students have not

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received the “lock and confirmation” email and, the Platinum Invite email (for the first skills lab), or an instruction email from the site instructor by one week before the scheduled session, they should email or mail the Program Director for this information and to confirm the session.

Primary Instructors: Instructors vary by site request and location. Contact/instructor information for the skills site will be emailed to the student in the “lock and confirmation” email when the session is verified on or after the RSVP deadline date posted on the Events Calendar.

Paramedic 1/Intermediate/Advanced EMT Skills Days Schedule
PERCOM EMS Academy
PERCOM EMS Medical Education
Consortium Lab Practice Sessions

This schedule is designed for 8 hour per day blocks of training for the hands-on psychomotor skills components. It may be divided in smaller or larger blocks as indicated, but should include the following skills at a minimum. ALL students are required to practice all the skills listed FIRST. Testing must be achieved on separate days at a later date in a separate session (preferably at least a week following the last Practice Session). PERCOM students are required to attend TWO Practice Sessions and ONE Testing Session unless otherwise credited.

Students are barred from attending the first P1 Practice Session until after being cleared by the didactic lead instructor. This typically occurs after completion of all reading, coursework and homework through the Patient Assessment section (or as otherwise noted/updated on the School Announcements Pages). Students may ONLY RSVP for and attend the 2nd Practice Session until after having taken and passed the P1/AEMT Final Exam. Students should plan accordingly and target completion of their didactic coursework in such a manner as to allow plenty of time to RSVP for P1 Practice and Testing Sessions within the allotted total 9 months AEMT course or P1 section of the Paramedic course.

Students are BARRED from clinical and field rotations until they have performed in the designated Practice Session(s). **Students must produce a copy of the Paramedic 1 Entry Level Proficiency Verification Form to the instructor at the end of the first session for completion.** The instructor holds the right to either complete and sign the form or require that the student complete another session prior to receiving a signature from a PERCOM designated instructor. This form will be submitted by the instructor with all other skills documents to the PERCOM office. This helps assure that no student will be in the clinical and field rotation environment who is not adequately prepared to perform skills satisfactorily and safely under a preceptor's guidance. Receiving this form does not alleviate the student from attending a second Practice Session.

Many sites have minimum student numbers for a session to make (usually 3). No site date is GUARANTEED but students can help ensure their preferred sessions will “make” by communicating with fellow students who may also be ready for skills. The Forum or the chat rooms are perfect opportunities for you to communicate with your fellow students on this issue and coordinate your RSVP's. For students who cannot attend one or more of the scheduled sessions on the Course Calendar, a “1 on 1” option may be available but PERCOM must charge extra fees for this option.

DAY 1

Preliminary Basic Competencies Testing

(This beginning segment is designed to quickly assess students on basic competencies that each should hold as an EMT. Students MUST be prepared to test each item as an isolated skill one or more times and in a basic competency scenario one or more times. The number of times required is denoted on the P1/AEMT Lab Competencies Worksheet.)

AHA BLS CPR Skills – Isolated Basic Comp. Can be Peer Reviewed

- 1 and 2 Rescuer CPR/Adults (1)
- 1 and 2 Rescuer CPR/Children (1)
- 1 and 2 Rescuer CPR/Infants (1)
- BVM and Rescue Breathing/Adults (1)
- BVM and Rescue Breathing/Children (1)
- Automated External Defibrillator (1)
- Relief of Choking/Infants (1)
- Relief of Choking > 1 yo or older(1)

AHA BLS CPR Skills – Basic Comp. Scenarios - Must be Instructor Reviewed

- 1 and 2 Rescuer CPR/Adults (2)
- 1 and 2 Rescuer CPR/Children (2)
- 1 and 2 Rescuer CPR/Infants (2)
- BVM and Rescue Breathing/Adults (1)
- BVM and Rescue Breathing/Children (1)
- Relief of Choking/Infants (1)
- Relief of Choking > 1 yo or older (1)

Trauma Skills – Isolated Basic Competencies - Can be Peer Reviewed

- Spinal Immob. Supine (1)
- Spinal Immob. Seated (1)
- Joint Splinting (1)
- Long Bone Splinting (1)
- Traction Splinting (1)
- Hemorrhage Control (1)

Trauma Skills – Basic Comp. Scenarios - Must be Instructor Reviewed

- Spinal Immob. Supine (2)
- Spinal Immob. Seated (2)
- Joint Splinting (2)
- Long Bone Splinting (2)
- Traction Splinting (2)
- Hemorrhage Control (2)

Medical Skills – Isolate Basic Competencies - Can be Peer Reviewed

- Intranasal Med. Admin. (2)
- Inhaled Med. Admin (2)
- Glucometer (2)
- 12 lead ECG Placement (2)

Medical Skills – Basic Comp. Scenarios - Must be Instructor Reviewed

Intranasal Med. Admin. (2)

Inhaled Med. Admin (2)

Glucometer (2)

12 lead ECG Placement (2)

FOLLOWING ABOVE CHECKOFFS, THE BELOW SKILLS SHOULD BE DISCUSSED/PRACTICE/INCORPORATED

Airway Monitoring with Devices

SaO₂

ETCO₂

Airway Positioning

Head Tilt - Chin Lift

Jaw Thrust

Modified Jaw Thrust

Oxygenation with BLS Delivery Devices

Nasal Cannula

Simple Mask

Venturi Mask

Partial Non Rebreather

Non Rebreather

BLS Airway Adjuncts

NPA

OPA

Basic Oral/Nasal Suctioning

DAY 2

Manual Ventilatory Assistance

BVM with O₂

Mechanical Ventilatory Assistance

Ventilator

CPAP/PEEP

ETCo₂ (Static and Dynamic Waveform)

Inhaled Medication Delivery with Nebulizer through ETT

Alternative Airway Devices

LMA

Combitube

SALT

Tracheostomy Tube Insertion, Care and Replacement

Pediatric Airway Positioning

Head - Tilt Chin - Lift

Jaw Thrust

Modified Jaw Thrust

BLS Airway Adjuncts

NPA

OPA

Basic Oral/Nasal Suctioning

Manual Ventilatory Assistance

BVM with O2

Pediatric Endotracheal Intubation

Pediatric Respiratory Compromise

DAY 3

IV Therapy Live

Phlebotomy Live

IM|SQ Medication

Intraosseous Infusion

Medical, Trauma, Cardiac

Medical Pt Assessment – (Pt Hx from Alert Pt, Comprehensive Normal Adult, Comprehensive Normal Pediatric, Medical, Cardiac, Focused vs. Multi-trauma or Altered Mental Status, NREMT)

Trauma

Endotracheal Intubation

Trauma Physical Exam/Patient Assessment

OB/Neonate and Other

Normal Delivery with Newborn Care

Abnormal delivery with Newborn Care

Simulation Practice – Minimums on Competencies Checksheet

DAY 4

Simulation Practice – Minimums on Competencies Checksheet

DAYS 5 AND 6 TESTING

Complete Simulation Practice – Minimums on Competencies Checksheet

TESTING on ALL Skills Checksheets

Final Summative Proficiency Simulation Testing

***Instructors retain the right to turn away students who attend Practice Sessions unprepared. In the event this occurs, students will be required to schedule for another Practice Session at a fee of an extra \$300 if to attend a calendar scheduled session (or fee as updated on the Student Announcements Pages) plus processing to be paid to PERCOM prior to attending the rescheduled session. Students will also be required to pay the appropriate rescheduling fee if they have RSVP'd for a Practice or Testing Session but do not show up or cancel for any reason.

To avoid additional fees, students should only RSVP and attend sessions after they have memorized ALL skills sheets provided in the program and watched ALL skills videos provided in the program and on any DVD/CD that comes with their textbooks *or using the online publisher resources associated with the textbook*. Students should also locate internet resources and videos for further study and preparation. YouTube is an excellent potential source. (Students who find local educators to assist them in prior practice tend to do better at the Practice or Testing sessions, but outside practice is NOT required.) Students should also be sure to RSVP for sessions that they KNOW they can attend. RSVP's MUST be received by PERCOM by the deadlines posted in the Course Calendar and/or PERCOM Announcements on the Student Page. Late RSVP's are not accepted.

Students will be required to complete skills competency tracking using the appropriate spreadsheet through the Practice Sessions and continue practicing until all competencies are at least at 100%. **This should be completed by the end of**

the second Practice Session to prevent having to pay for and attend another Practice Session to complete these competencies. Simulation competencies must be completed by the end of the first day of the P1 TESTING session. At the end of each Practice Session, the student is required to log into Platinum and carefully enter ALL data showing competency completion to be reviewed by the skills instructor either immediately after the session or within a time to be designated by the Skills Instructor. If the competencies are not completed within the time frame given or if the student fails to enter all competencies as completed into the system by the time the instructor marks final “Pass” or “Fail” in the Platinum system for the session, the student will be held responsible for incomplete competencies and may have to pay for and attend another Practice Session to complete the remaining competencies. **Final responsibility for ensuring all competencies are documented honestly and accurately rests solely with the student. Any dishonesty or deception by the student in entering the competencies for credit could lead to failure and potential removal of the student from the program.**

Simulation Practice/Skills Testing Session – 2 days

Students **MUST** successfully complete ALL required skills at the Testing Session or he/she will be required to schedule for another Testing Session weekend and must pay a Rescheduling Fee prior to rescheduling. This **INCLUDES** completion of all simulation requirements and simulation testing. **If the IV/Phlebotomy Live Stick Form or the Entry Level Proficiency Verification forms have not been completed and turned in to the PERCOM office prior to the Testing Session, it should be completed and turned into the Skills Instructor to submit with all other testing documents following the session.**

Final Skills Testing that should be completed during this session includes:

IV Therapy

Medication administration –

SQ, IM, IVP, Intranasal

(IVPBD is NOT tested at Paramedic 1 level.)

Intraosseous Therapy

(Manual and electric devices should both be tested if electric drill devices are available.)

Adult Airway Management – Intubation, *Trauma Intubation, Nasotracheal Intubation* and Alternative Airway Devices

Infant Intubation

CPAP/PEEP

Pleural Decompression Needle Thoracostomy

NG/OG Tubes

Needle and Surgical Cricothyrotomy

Phlebotomy

Pediatric Respiratory Compromise

Cardiac Arrest Management with AED

Medical and Trauma Patient Assessment and Management to include:

Obtain Patient History from Alert and Oriented Patient

Comprehensive Normal Adult Physical Assessment

Comprehensive Normal Pediatric Physical Assessment

Trauma Adult Physical Assessment

Medical and Cardiac Scenario Assessment

Normal Delivery with Newborn Care

Abnormal Delivery with Newborn Care

Final Proficiency Assessment (simulation based)

BLS Skills to include:

Glucometer

Hemorrhage Control
Joint Splinting
Long Bone Splinting
Spinal Immobilization Adult Seated Patient
Spinal Immobilization Adult Supine Patient
Traction Splinting
CPR Adult, Child, Infant