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Eight Point Solutions FMR Course: Field Medical Response (FMR) Course Syllabus

I. Course Baseline and Authoritative References

This Eight Point Solutions Field Medical Response (FMR) Course syllabus establishes an EPS proprietary certification for emergency medical response. The course is built for in-person, instructor-led delivery with a hands-on practical focus. It is designed for security officers, contract personnel, and civilians.

The course is organized around the MARCH casualty assessment algorithm, adapted from Tactical Combat Casualty Care (TCCC) for civilian and security application. TCCC is the standard of care for prehospital battlefield medicine, developed by the Committee on Tactical Combat Casualty Care (CoTCCC) under the Department of War Joint Trauma System. MARCH stands for Massive Hemorrhage, Airway, Respiration, Circulation, and Hypothermia/Head Injury/Heat. It gives the responder a repeatable sequence for addressing the most immediately life-threatening conditions first.

CPR and AED instruction follows current American Heart Association (AHA) Basic Life Support (BLS) guidelines, including the 2025 update on infant compression technique. EPS does not issue AHA certification through this course, but the skills taught meet or exceed AHA BLS performance standards.

Hemorrhage control instruction follows Committee on Tactical Emergency Casualty Care (C-TECC) civilian protocols and Stop the Bleed national campaign standards. Tourniquet application is taught high and tight, consistent with current TCCC and C-TECC guidance.

Environmental emergency instruction (heat and cold casualties) follows Wilderness Medical Society and OSHA guidelines for field recognition and treatment.

Maryland Good Samaritan protections (Courts and Judicial Proceedings Article, Section 5-603) are referenced for legal context. This statute applies to trained responders providing emergency care in good faith.

II. Course Design Decisions and Justification

A. Course Level, Scope, and Duration

This is a foundational field medical response course. It is not a paramedic course, not an EMT certification replacement, and not a surgical skills program. The course runs approximately 6.0 hours of in-person instruction including practical exercises, scenario lanes, and assessment.

B. MARCH Framework as Organizational Backbone

All instruction is organized around the MARCH algorithm. MARCH gives the student one sequence to follow on every casualty, every time. The order matters: massive hemorrhage is addressed first because uncontrolled bleeding kills the fastest. Airway is second. Respiration and circulation (CPR/AED) are third and fourth. Hypothermia, heat, and additional emergencies are last. Students learn one framework and apply it under pressure.

C. Hands-On Instructional Model

The course alternates between short lectures (10 to 20 minutes) and extended practical exercises (20 to 45 minutes). Every student physically performs every skill multiple times before moving to the next block. The course finishes with integrated scenario lanes where students run MARCH start to finish on simulated casualties.

D. EPS Proprietary Certification

This course issues an EPS Field Medical Response (FMR) Certification upon successful completion of a written assessment and a practical skills check. This is not an AHA, ASHI, or Red Cross certification. The FMR Certification confirms the student can respond to common medical emergencies using the MARCH framework.

E. Certification Status and Refresher Rationale

The FMR Certification does not expire by calendar date. Medical skills degrade without practice. EPS recommends annual refresher training and reserves the right to require recertification based on contract requirements, performance indicators, or changes to medical guidelines.

III. Formal Syllabus

Field	Detail
Course Title	Eight Point Solutions Course: Field Medical Response (FMR)
Course Delivery	100% in-person, instructor-led with hands-on practical exercises
Scheduled Duration	6.0 hours (1100 to 1700 with 30-minute lunch and 10-minute break)
Intended Audience	Security officers, contract personnel, and civilians
Prerequisites	None for course entry
Prepared For	Eight Point Solutions Students
Effective Date	2026-03-31

A. Course Purpose

This course establishes baseline competency to:

- Assess a casualty using the MARCH algorithm and address life-threatening conditions in the correct order.
- Control massive hemorrhage through direct pressure, wound packing, and tourniquet application.
- Manage airway emergencies and place an unconscious, breathing casualty in the recovery position.
- Perform CPR on adults, children, and infants at correct rates, depths, and ratios.
- Operate an AED correctly and safely.
- Recognize and treat shock, choking, heat casualties, and cold injuries.
- Respond to multi-symptom scenarios under time pressure.

B. Course Learning Outcomes

By the end of the course, students will be able to:

- Run a full MARCH casualty assessment from approach to EMS handoff.
- Apply a tourniquet high and tight, tighten until bleeding stops, and note the time.
- Pack a deep wound with gauze and hold direct pressure.
- Open an airway using head-tilt/chin-lift and roll a casualty into the recovery position.
- Perform CPR at 100 to 120 compressions per minute with correct depth and full recoil.
- Operate an AED: power on, apply pads, follow prompts, shock if advised, resume CPR.
- Recognize shock and start field treatment.
- Respond to choking in adults, children, and infants (conscious and unconscious).
- Identify heat exhaustion, heat stroke, hypothermia, and frostbite and apply correct treatment.
- Give a clear verbal handoff to EMS when they arrive.

C. Eligibility, Prerequisites, and Entry Requirements

Requirement	Detail

Prerequisites	None for course entry
Assumed Baseline	No prior medical training expected
Physical Requirement	Students must be able to kneel, perform chest compressions, and work on the floor. Notify the instructor before class if you have physical limitations.
Student Equipment	Comfortable clothing, closed-toe shoes, notebook, pen, water bottle, valid photo ID

D. Instructional Methodology

The course uses an alternating lecture-practical model organized around MARCH. Each block starts with a short lecture on the skill, then students get on the ground and perform it. The course closes with integrated scenario lanes where students run MARCH on simulated casualties from approach to handoff.

E. Module Framework and Estimated Time

Module Title	Time	Key Topics
Orientation, Safety Brief, and Course Framework	15 min	Course rules, safety brief, equipment check, MARCH overview, reference card issue
Casualty Assessment and MARCH Algorithm	30 min	Scene safety, approach, MARCH walk-through, responsive vs unresponsive, 911 call, Good Samaritan
M: Massive Hemorrhage Control	60 min	Bleeding timeline, direct pressure, wound packing, tourniquet (high and tight), self-application
A: Airway Management	30 min	Head-tilt/chin-lift, jaw thrust, recovery position, obstruction recognition
R and C: CPR and AED	60 min	Adult/child/infant CPR, rates and depths, AED operation, compression-only CPR
H: Hypothermia, Heat, and Additional Emergencies	40 min	Shock, choking (adult/child/infant), heat exhaustion, heat stroke, hypothermia, frostbite
Integrated Scenario Exercise	40 min	Multi-casualty scenario lanes, full MARCH application
Assessment and Course Closeout	45 min	Written exam (10 questions), practical skills check, AAR, certification issue

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IV. Attendance, Completion, and Certification Standards

Requirement	Detail
Attendance	Full 6-hour course required. Late arrivals beyond 15 minutes will not be admitted.
Completion	All instructional blocks, all practical exercises, the scenario exercise, and both the written and practical assessment must be completed.
Written Assessment	10 questions, multiple choice. Minimum passing score: 70% (7 of 10).
Practical Skills Check	Pass/fail. Tourniquet application (high and tight, tightened, time noted) and one full CPR cycle (30:2, correct rate, depth, and hand placement).
Remediation	One reattempt on the same day. A second failure requires a full course retake.
Certification	EPS Field Medical Response (FMR) Certification issued on completion. This is an EPS proprietary certification, not AHA, ASHI, or Red Cross.

V. Course Governance and Change Control

Medical guidelines and equipment standards change. This syllabus requires a formal review cycle.

Area	Cadence/Requirement
Content Review	At least every 12 months, or sooner if AHA guidelines, TCCC protocols, or equipment standards are updated.
Version Control	Maintain syllabus version number, effective date, and change notes for audit readiness.
Equipment Inspection	All training equipment (manikins, AED trainers, tourniquets, gauze) inspected and inventoried before each delivery.

VI. Required Equipment and Materials

A. Instructor/EPS Provides

- CPR manikins (adult; child/infant if available)
- AED trainer(s)
- Tourniquets (CAT or SOF-T, minimum 1 per 2 students)
- Gauze rolls for wound packing practice
- Simulated wound trainers or moulage supplies
- Blankets for shock and hypothermia drills
- EPS Field Medical Quick Reference Cards (laminated, 1 per student)
- Written assessment packets and pens
- Roster and certification forms

B. Students Bring

- Comfortable clothing (athletic wear, PT gear, or similar)
- Closed-toe shoes only
- Notebook and pen
- Water bottle
- Valid photo ID

VII. Implementation Notes

A. Site Customization

When FMR is delivered on a contract site or for a specific client, these elements must be customized:

- Emergency contact numbers and EMS response procedures for the facility
- Location of on-site medical equipment (AEDs, first aid kits, trauma kits)
- Facility emergency action plans and evacuation routes
- Client reporting requirements for medical incidents

B. Instructor Qualifications

FMR instructors must hold current CPR/BLS certification (AHA or equivalent) and demonstrate proficiency in all skills taught. Prior military medical training (68W, SARC, TCCC), EMT certification, or equivalent field medical experience is preferred.

VIII. Approval and Authorization

Kawika Rogers
Managing Partner

Eight Point Solutions LLC