



Tactical Medical Practitioner (TMP)

EMT-Tactical (EMT-T)

Program Outline

Current as of: September 2017

Special Operations Aid & Rescue, Ltd.
7329 Hounslow Ln. Charlotte, NC 28213
www.SOARescue.com - 1-855-4-SOARESQ



Background

Class length: 82 Hours

Classroom: 50 Hours (5x 10hr days)

Online: 32 Hours (1 month prior to in residence class)

Accreditation: Board for Critical Care Transport Paramedic Certification (BCCTPC) approved for Certified Tactical and Flight Paramedic (TP-C, FP-C) CAPCE Pending, NAEMT approved 16 hours,

Providing out-of-hospital care in the austere environment of a tactical law enforcement mission requires special judgment and skills not taught in standard EMT/ Paramedic curricula. The Tactical Medical Practitioner course (TMP) is designed to fill the gap in training which has become more apparent as the violence associated with active shooters, drug activity, gang and terrorism continues to increase. This is accomplished by enhancing the participants' ability to integrate into, support a tactical law enforcement team and survive a violent street encounter. By providing students with a well-rounded, comprehensive course on tactical medicine, students will return to teams able to competently provide care.

Major Topics Covered:

- Tactical Emergency Casualty Care Concepts and Application
- Active Shooter Response and Treatment Considerations
- Current Specific Legal Liability Aspects of the Tactical Medic
- Injury Prevention, Assessment and Management for the Tactical Athlete
- Team Primary Medical Care
- Medical Considerations of Tactical Operations
- Medical Threat Assessment/Medical Mission Preplanning
- Tactical Movement
- Extraction
- Assessment and Remote Assessment
- Methodology
- Equipment Selection
- Overview of Emerging Tactical Medical Technology
- Basic to Advanced Airway Management Considerations for the Tactical Environment
- Advanced Respiratory Management Ventilator Management and Chest Tube Placement
- Extended Operations Overview, Health and Safety Considerations
- Work/Rest Cycles and Logistics
- Environmental Medical Conditions (Heat and Cold) Recognition and Management
- Basic Suturing and Advanced Procedural Intervention for the Prehospital Provider
- Clandestine Drug Labs Identification, Management and Precautions
- Medicine Across the Barricade, Communication and Remote Treatment Direction
- Water Rescue with Overview of Dive Medical Considerations
- Ballistics/Forensics with Application to Chain of Custody
- CBRNE and Hazardous Materials
- -Employment of and Medical Effects of Less-Lethal Weapons
- -Anti-Personnel Devices
- -Field Decontamination
- -Riot Control Agents
- -Medical and Tactical Response to Current Threats
- -Weapons Familiarization and Manipulation

This program is designed to mentally and physically test the students in attendance. While there is an understanding that operational environments will be different, the objective is to expose students to many of the situations that tactical medical providers may find themselves in. A baseline of awareness will significantly impact performance. Specifically, the basic understanding and application of sound TECC concepts will be a foundation of this course.

Furthermore students will be expected to function mentally throughout the program, while it is intentioned as a tactical medic program there is heavy emphasis on pathophysiology and its application to treatment of the trauma patient.

Prerequisites

1. Current Certification as a medical provider at the **EMT-Basic** level or higher
2. Employed by a Public Safety Agency (EMS, Fire or Law Enforcement), Active/Reserve Military, Federal Government employee (DHS, DOS, DEA, FBI, ATF), Government Contractor with medical mission set. All applicants must provide proof of employment with letter on company letterhead **confirming applicant's employment.**

Application Process

All submitted materials must be originals with original signatures, except that photocopies of EMT (or your medical certification) cards are permitted. Fax registration is permitted to secure spot in course. It is also important that your completed application arrive before the close of business on the deadline as posted.

Specific Requirements:

- Proof of Employment (departmental letter may be required)
- Completion of Registration Forms
- Submission of Registration
- Disclosure of Physical Limitations
- Signing of and submission of Non-Disclosure Agreement
- Signing and submission of Waiver of Liability
- Initial Payment or departmental fee coverage

Delivery

-Hybrid E-learning 32 hour Online Content- Delivered through SOARescue.org/eLearning. Time stamped recording, and online module evaluation
Pending CAPCE Accreditation for distance learning

-Traditional Classroom Lecture- by means of Subject Matter Expert Lecturers, with aid of AV assets

-Small Group Skill stations- stations with no more than (6) students per station, performing individual skills as taught through lecture

-Small Group Scenarios- scenarios with no more than (6) students performing scenario based training, and multiple medical interventions. Spot corrections to be made for improper care.

-Corporate Skill Stations- Stations containing the entire class to deliver specific skills not logistically achievable in small groups.

-Large Group Capstone Scenario- Full scale scenario at the conclusion of the course involving all students in a full mission profile. Students will perform skills, treat, move and function in a team.

Evaluation

-Written Evaluation – Daily quizzes and final multiple choice test
(80% or Greater to Pass)

-Practical Individual Skill Evaluation- Go/ No-Go Criteria for skill assessment
(Successful Completion of task by second attempt)

-Classroom Participation – Assessment of Affective domain as demonstrated by student.
(Affective Domain to be assessed from 1-4, 4 Being the greatest)

-Group Scenario Completion – This will be a cumulative effort of students, and will be graded on overall performance, and completion of mission.
(Participating in Multiple roles through a given scenario, students will be evaluated objectively, for their ability to adapt, given certain metrics)

Physical Demand

This class will demand significant physical activity by the student. There will be a physical assessment day one of the course. Students should expect to be participate in moderate to extreme activity at least 4 hours per day during the course.

Students with the following conditions should not participate:

- Orthopedic injuries with limitations
- Applicants currently on “light duty” with employer
- Applicants with severe asthma or other respiratory condition
- Applicants who cannot lift, carry and drag 150 Lbs for 100+ feet.

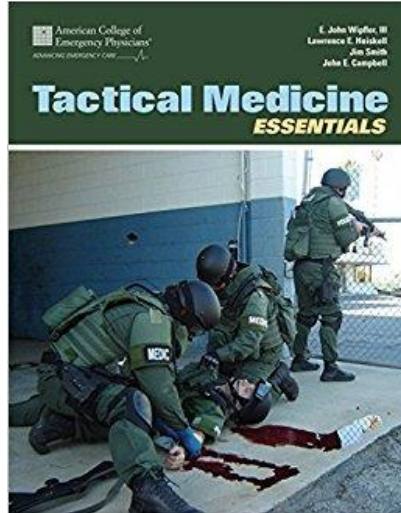
Equipment

Provided by the College/ SOAR:

- Course Specific Handout Will Be Provided
- Medical Equipment both ALS & BLS to include Bag, IFAK, Training TQ, Bandages, Chest Seals, Airway and Evac Equipment
- Vehicle for use in Scenarios
- Weapons (Sim Round, Training Diversionary Devices, Pneumatic “pyro”)
- Casualty Evac platforms
- High angle Rescue Equipment
- Simulation Manikins and or role players
- Medications for Simulation
- ALS equipment
- Medical Threat Assessment Forms
- Casualty Cards
- Safety Equipment for Specific Situations (Please see required item list for students)
- Flotation if needed
- Communication Equipment (Radios, etc)

Provided by the Student:

Each student will purchase the Text: Tactical Medicine Essentials



By American College of Emergency Physicians.

ISBN-13: 978-0763778217

ISBN-10: 0763778214

Each student is required to wear the tactical uniform of his or her department. Standard work uniforms do not usually provide adequate protection for the field environment. If your department does not have a tactical uniform, military style OCP/BDU's, "combat" style boots, and rain gear are acceptable.

Each student is to bring their own tactical equipment (body armor, helmet, eye protection, medical kit, etc.). The best training occurs when students are training in the same gear and using the same equipment they will utilize during actual missions. Weapons, ammunition, magazines, knives, etc. must not be brought to the TMP course. A limited amount of tactical gear will be available for those that cannot bring their own. Notification of need must be made at least (30) days before class.

Minimum recommended Equipment (Bring all of your gear)

- Tactical Body Armor
- Helmet
- Eye protection
- Hydration system
- Flashlight
- Gloves
- Protective mask/ Balaclava
- Rain Gear

Content Resources

- *National Association of EMTS*, (2014) Prehospital Trauma Life Support, Military 8th Edition. Sudbury, MA: Jones and Bartlett Publishers
- **Wipfler III, E.J., ACEP. (2012) Tactical Medicine Essentials, 1st Ed. Sudbury, MA: Jones and Bartlett Publishers – COURSE TEXT**
- *Committee on Tactical Emergency Casualty Care* (2016) TECC Guidelines. Arlington, VA: C-TECC
- *Committee on Tactical Combat Casualty Care* (2016) TCCC Guidelines. San Antonio, TX <http://cotccc.com/special-operations-combat-paramedic/>
- *National Fire Protection Association* (2017) NFPA 1006: Standard for Technical Rescue Personnel Professional Qualifications. Quincy, MA: NFPA
- US Special Operations Command Tactical Medical Emergency Protocols- Jan 2015
- AAOS, (2011). Critical Care Transport, 1st Ed. Sudbury, MA: Jones and Bartlett Publishers

*Complete list of references available on request.

Recommended Texts

1. *Paramedic Practice Today-Above and Beyond*, (Vol 2) by Barbara Aehlert. Published by Jones & Bartlett Learning (2011).
2. *PHTLS, Military Edition* (8th Edition) by NAEMT and American College of Surgeons Committee on Trauma. Published by Elsevier Health Sciences (2015).
3. *Law Enforcement Responder; Principles of Emergency Medicine, Rescue and Force Protection*, by Randy G. Stair, Dwight A. Polk, Geoff Shapiro and Nelson Tang Published by Jones & Bartlett Learning (2012).
4. *Tactical Emergency Medicine*, by Richard B. Schwartz, John G McManus McManus, and Raymond E. Swienton. Published by Lippincott Williams & Wilkins (2007).
5. ***Tactical Medicine Essentials* by American College of Emergency Physicians (ACEP), E. John Wipfler III, John E. Campbell and Lawrence E. Heiskell. Published by Jones & Bartlett Learning (2010).**
6. *Tactical Medical Emergency Protocols 8th Edition (TMEPs)* by US Special Operations Command (USSOCOM), Published by Breakaway Media (2014) (*List of Text Suggested by BCCTPC/IBSC*)

Schedule Example

	Day Time	Activity	Activity Type
<i>Day 1</i>	0800-0900	Introduction and Paperwork	Lecture
	0900-0910	BREAK	Admin
	0910-1010	Direct Threat Care	Lecture
	1010-1020	BREAK	Admin
	1020-1100	Indirect Threat Care 2	Lecture
	1105-1200	Triage/CCP/ MARCH	Lecture
	1200-1300	Team Lunch	Admin
	1300-1400	Team Tourniquet Drills	Corporate Practical
	1400-1700	Rotating Skill Stations -Advanced Hemorrhage Control -Evac Platforms -Assessment	Team Practical
<i>Day 2</i>	0800-0830	Exercise TBA	Team Practical
	0830-0930	Indirect Threat Care 1	Lecture
	0930-0940	BREAK	Admin
	0940-1115	Indirect Threat Care 3- -Fluids -Pharmacology -Blood Products	Lecture
	1115-1120	BREAK	Admin
	1120-1200	Evacuation Care Pediatric Specialty Considerations	Lecture
	1200-1300	Team Lunch	Admin
	1300-1630	Rotating Skill Stations -Airway Escalation -Advanced Respiratory Management -Junctional Hemorrhage Control -Fluids, Blood, Pharmacology	Team Practical
	1630-1700	Exercise TBA	Team Practical
<i>Day 3</i>	0800-0830	Exercise TBA	Team Practical
	0830-0930	Concepts of Field Primary Care	Lecture and Practical
	0930-0940	BREAK	Admin
	0940-1040	Orthopedic Treatment of the Tactical Athlete	Lecture and Practical

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	1040-1045	BREAK	Admin
	1045-1200	Sick Call for the Tactical Provider	Lecture and Practical
	1200-1300	LUNCH	Admin
	1300-1400	Prolonged Field Care Considerations	Lecture
	1400-1630	Rotating Skill Stations -Chest Tubes/ Procedures -Ventilator Management -Ultrasound & Diagnostics	Team Practical
Day 4 (ETD)	1630-1700	Exercise TBA	Team Practical
	0800-0830	Exercise TBA	Team Practical
	0830-1200	Rotating Skill Stations: -Rescue Ropes -Breaching -Advanced Evacuation Platforms -Remote Assessment	Team Practical
	1200-1300	LLW Overview (Working Lunch)	Lecture/ Admin
	1300-1400	LLW Lab	Practical
	1400-1430	Movement to Water	Admin
	1430-1630	Water Rescue	Practical
	1630-1700	Change and Stage	Admin
	1700-1900	Individual Dinner and Movement to CULEX site, Preparation	Admin
Day 5	1900-0000	Culmination Exercise	Practical
	0900-1000	Debriefing/ CULEX AAR	Interactive Lecture
	1000-1010	BREAK	Admin
	1010-1100	Medical Mission Planning	Lecture
	1100-1200	Canine Medicine	Interactive Lecture
	1200-1300	Team Lunch	Admin
	1300-1400	Clandestine Labs/ HazMat	Lecture
	1400-1500	Test Preparation	Interactive Lecture
	1500-1510	BREAK	Admin
	1510-1630	Test	Evaluation
	1630-1700	Graduation/ Team Photos	Graduation