***Course Sponsors  ***



**Ayisyen Rezo Medikal**

*(Formally Known as PAPMO)*

Spring 2012 EMT Course

Participating Organizations:

  

 

 



BANSHEE ORGANISATION

Haiti EMT-B

Course Outline

Prepared by Eric Adman, Paramedic, Haiti EMT Curriculum Director, Empact Northwest

February 12, 2012

Overview

This outline covers the planned April 2 – May 25, 2012 EMT-B course being offered by Empact Northwest in Port-Au-Prince, Haiti. This class will be delivered in English, however, we are working toward delivering future courses in Haitian Creole or French.

Curriculum

The curriculum is based on the standard EMT-B course, with some deletions and some additions to tailor the course to the environment a Haitian EMT will be working in. Reference material includes the following:

* AAOS Emergency Care & Transportation of the Sick & Injured, 9th edition (“AAOS”)
* LAHAF / GAI Emergency Healthcare Provider Course (“GAI”)
* WEMT / remote medical protocols (“Remote”)

Instructors

Instructors will be primarily US-trained paramedics and EMT’s. Empact Northwest and the Banshee organization, both of whom completed recent EMT courses in Haiti, will provide instructors. Empact Haiti and GAI will provide Haitian instructors-in-training.

The course will have the following instructor structure -A minimum of one senior instructor, one junior instructor, and one Haitian instructor-in-training will always be present to conduct training. During more personnel-intensive sections, such as MCI drills, more instructors will be present.

Roles are as follows:

* Senior / QA instructors – experienced EMS instructors with experience working in Haiti. Administer, provide quality assurance, co-instruct.
* Junior instructors – co-instruct with Senior/QA instructors. Varying levels of teaching and deployment experience.
* Haitian instructors-in-training – recent graduates from PAPMO and GAI EMT courses will help deliver curriculum material, translate where needed, and help administer practical drills. The intent is to develop them as future course instructors.

Prerequisites for this course

* Recommended but not required – Completion of the Creole language First Aid course being offered by St. John’s at the Haitian National Police training facility. William Black, program coordinator for St. John’s, will facilitate scheduling students for class openings.
* Required – Ability to communicate in English and familiarity with basic medical terminology.

Daily guidelines/goals

* Reading requirements will be approximately 40 pages per day, or 200 pages per week
* Daily quizzes will be given to assess the students’ level of retention
* Students will practice patient interviews and patient exams appropriate to topics of the day. NREMT skills sheets will be used when appropriate to document skills assessments.

Weekly guidelines / goals

* Monday-Friday will be lectures and practical drills at the Aimer Haiti classroom location. Class hours will run from 9am-12pm, one hour lunch, and then 1pm to 4 or 5 pm depending on need.
* Saturdays will be hands-on patient assessment practice at Medishare. The intent is to have half the students rotate through in the morning, from approximately 9 am-1pm, and half rotate through in the afternoon, from 1-5 pm. Patient contacts should be documented using the SOAP format. Students will work under the supervision of experienced EMT’s.

Course summary

* Weeks 1-5 – Review of EMT-B curriculum and development of exam skills
* Week 6 – Coverage of remote medicine concepts appropriate to Haiti
* Week 7 – IMS/MCI lectures and MCI practical drills
* Week 8 – Final Written and Practical Exams and Graduation

Uniforms

* Uniform t-shirts with the class logo will be provided
* Long pants and closed-toe shoes should be worn with the uniform t-shirt during class
* Graduation uniforms will be provided – agencies providing students to the class should provide a shoulder patch insignia for the uniform. This will be worn on one shoulder with the Consortium patch on the other shoulder.

Meals

Sponsoring agencies will be asked to provide money for lunch for their students.

Classroom location

Aimer Haiti

390 Bourdon (Avenue John Brown)

Port-Au-Prince, Haiti, HT6114

Program Administrator

Eric Adman, Paramedic

Haiti EMT Curriculum Director, Empact Northwest

[EricLAdman@gmail.com](mailto:EricLAdman@gmail.com)

425-780-9731 (USA)

509 47 79 27 67 (Haiti)

|  |  |  |
| --- | --- | --- |
|  | **Week 1** |  |
| Date | Topic | Reference / Reading |
| 4/2 | **SECTION 1 – PREPARING TO BE AN EMT**  Course expectations, outline, syllabus  Introduction - Preparing to be an EMT in Haiti   * Emergency Healthcare * Healthcare * Roles and Responsibilities * Quality Improvement * Medical Direction   Personal Safety   * Death and Dying * Personal Stress * Scene Safety   Medical, legal, ethical issues  Quiz | Student manual - all  AAOS Ch. 1, pp. 1-21,  GAI – health system in Haiti  AAOS Ch. 2 pp. 22-69  GAI – local custom & law  AAOS Ch. 3, pp. 70-90,  GAI – local custom & law |
| 4/3 | Overview of Anatomy & Physiology   * Musculoskeletal system * Respiratory & circulatory systems   Quiz | AAOS Ch. 4, pp. 90-124 |
| 4/4 | Overview of Anatomy & Physiology   * Nervous system * Skin * Endocrine system * Genito-urinary systems   Quiz | AAOS Ch. 4, pp. 125-143 |
| 4/5 | Initial Assessment (lecture)   * Vital signs * SAMPLE history   Initial Assessment (practicals)  Shock  Quiz | AAOS Ch. 5, pp. 144 – 167  AAOS Ch. 23, pp. 676-695 |
| 4/6 | Lifting and Moving Patients (lecture)   * Body Kinetics * Lifting Techniques * Urgent and Non-Urgent Moves * Lifting and Moving Equipment * Improvising with local materials   Lifting and Moving Patients (practice)  Introductory concepts, A&P review  **Section 1 Written Test**  Practical reviews – vitals, lifting and moving | AAOS Ch. 6, pp. 168-207  GAI –local materials & techniques |
| 4/7 | Medishare rotations – practice obtaining vital signs and conducting SAMPLE histories; document contacts |  |

|  |  |  |
| --- | --- | --- |
|  | **Week 2** |  |
| Date | Topic | Reference / Reading |
| 4/9 | **SECTION 2 – AIRWAY**  Airway (lecture)   * Assessment * Airway Opening and Management * Artificial Ventilation   Airway (skills practice)  **SECTION 3 – PATIENT ASSESSMENT**  Scene Assessment   * Scene Size-Up * Protection of Scene Personnel * Initial Assessment   Practical - initial assessment & vitals  Quiz | AAOS Ch. 7, pp. 208-255  AAOS Ch. 8, pp. 258-270 |
| 4/10 | Trauma Assessment (lecture)   * Mechanism of Injury (MOI) * Rapid Trauma Assessment   Quiz  Trauma Assessment (practical s) | AAOS Ch. 8, pp. 283-294 |
| 4/11 | Medical Assessment (lecture)   * Nature of Illness * Rapid Medical Assessment * Special Medical Considerations   Advanced Assessment   * Detailed Physical Examination * Ongoing Assessment   Communication and documentation   * SOAP format for verbal & written reporting   Quiz  Medical Assessment (practicals)  **Section 2 & 3 Written Test** | AAOS Ch. 8, pp. 295-309 |
| 4/12 | **SECTION 4 – MEDICAL EMERGENCIES**  Medication / Pharmacology   * Medication Information, Administration * Medication Actions * Ethnomedicine | AAOS Ch. 10, pp. 342-348, 361-363  GAI –ethnomedicine |
| 4/13 | Respiratory Emergencies (lecture)  Respiratory Emergencies (practical)   * Listening to lung sounds * Assessment & treatment   Airway & Patient Assessment review exam  Practical reviews – Patient exams, various scenarios from weekly topics | AAOS Ch. 11, pp. 364-397 |
| 4/14 | Medishare rotations – practice vital signs, inteviews, and exams. Document patient contacts. |  |

|  |  |  |
| --- | --- | --- |
|  | **Week 3** |  |
| 4/16 | Cardiovascular Emergencies – lecture  Cardiovascular Emergencies – practice exams  Adult, child, infant CPR & FBAO review  CPR practice | AAOS Ch. 12, pp. 395-437  AHA CPR guidelines? |
| 4/17 | Neurologic Emergencies  Abdominal Pain  Quiz  Patient interview & exam practice | AAOS Ch. 13, pp. 438-464  AAOS Ch. 14, pp. 465-479 |
| 4/18 | Diabetic Emergencies  Allergic Reactions, Bites & Stings  Regional Illnesses & Assessment  Quiz  Patient interview & exam practice | AAOS Ch. 15, pp. 480-497  AAOS Ch. 16, pp. 498-515,  GAI – local hazards & illnesses |
| 4/19 | Substance Abuse and Poisoning  Environmental Emergencies  Quiz  Patient interview & exam practice | AAOS Ch. 17, pp. 516-543  AAOS Ch. 18, pp. 542-581 |
| 4/20 | Behavioral Emergencies / Altered Mental Status  Obstetrical Emergencies  Quiz  Patient interview & exam practice | AAOS Ch. 19, pp. 582-592  AAOS Ch. 20, pp. 598-627 |
| 4/21 | Medishare rotations – practice vital signs, inteviews, and exams. Document patient contacts. |  |

|  |  |  |
| --- | --- | --- |
|  | **Week 4** |  |
| 4/23 | **Section 4 Written Test**  **SECTION 5 – TRAUMA**  Kinematics of Trauma / Mechanism of Injury  Quiz  Patient interview & exam practice | AAOS Ch. 21, pp. 628-647 |
| 4/24 | Bleeding  Soft Tissue Injuries  Quiz  Patient interview & exam practice  Practicals – controlling bleeding, bandaging | AAOS Ch. 22, pp. 648-675  AAOS Ch. 24, pp. 696-733 |
| 4/25 | Eye Injuries  Face & Throat Injuries  Quiz  Patient interview & exam practice – eye, face & throat | AAOS Ch. 25, pp. 734-755  AAOS Ch. 26, pp. 736-775 |
| 4/26 | Chest Injuries  Abdominal Injuries  Quiz  Patient interview & exam practice – chest & abdomen | AAOS Ch. 27, pp. 776-795  AAOS Ch. 28, pp. 796-817 |
| 4/27 | Musculoskeletal Injuries  Quiz  Practicals – splinting | AAOS Ch. 29, pp. 818-869 |
| 4/28 | Medishare rotations – practice vital signs, inteviews, and exams. Document patient contacts. |  |

|  |  |  |
| --- | --- | --- |
|  | **Week 5** |  |
| 4/30 | Head & Spine Injuries  Quiz  Patient interview & exam practice  Practicals – bandaging, cc/bb, patient packaging  **Section 5 Written Test** | AAOS Ch. 30, pp. 870-911 |
| 5/1 | **SECTION 6 – SPECIAL POPULATIONS**  Pediatric Emergencies  Pediatric Assessment and Management  Quiz  Patient interview & exam practice | AAOS Ch. 31, pp. 912-939  AAOS Ch. 32, pp. 940-983 |
| 5/2 | Geriatric Emergencies  Geriatric Assessment and Management  Quiz  Patient interview & exam practice | AAOS Ch. 33, pp. 984-1001  AAOS Ch. 34, pp. 1002-1019 |
| 5/3 | **SECTION 7 – OPERATIONS**  Patient Acces / Extrication  Introduction to IV’s and IV fluids  Quiz  Practicals – extrication, setting up IV bags | AAOS Ch. 36, pp. 1056-1071  AAOS Ch. 40, pp. 1164-1179 |
| 5/4 | **Section 6 & 7 review exam**  Quiz  Patient interview & exam practice  Practical scenarios - various |  |
| 5/5 | Medishare rotations – practice vital signs, inteviews, and exams. Document patient contacts. |  |

|  |  |  |
| --- | --- | --- |
|  | **Week 6** |  |
| 5/7 | **REMOTE/INDEPENDENT MEDICINE**  Remote Medicine Need / Context in Haiti  Remote Medical Carries / Lifts      A. Webbing carry and piggyback carry        B. Split rope coil carry        C. Pole carry        D. Pack carry        E. Rope and pole litter        F. Pole litter        G. Blanket litter        H. Rope litter         I. Mummy litter        J. Low angle belay        K.  Litter carry techniques, long distance        L. Caterpillar walk | Remote |
| 5/8 | Awareness Level   * Light Urban Search and Rescue * Swift Water Rescue | Remote |
| 5/9 | Advanced medical techniques    A. C-Spine clearance in the field for EVAC purposes  (Nexus rules)        B. Significant ankle injury clearance in the field for EVAC purposes        C. Reduction of simple dislocations (shoulder, digit, mandible) and fractures in the field        E. Other TK applications in MCI        F. Foreign body / impaled object removal in the field | Remote |
| 5/10 | Packaging   * Patient packaging for extended field Evac by litter * Hypothermia wrap (for high altitude ops in Haiti as well as for major trauma)   Remote / Improvised Splinting | Remote |
| 5/11 | Field Sanitation  Hydration  Basic “sick call” medicines | Remote |
| 5/12 | Medishare rotations – practice vital signs, inteviews, and exams. Document patient contacts. | Remote |

|  |  |  |
| --- | --- | --- |
|  | **Week 7** |  |
| 5/14 | IMS / MCI / Triage  Tabletops / practicals | AAOS Ch. 37, pp. 1072-1097 |
| 5/15 | MCI drill preparation |  |
| 5/16 | MCI drill # 1 |  |
| 5/17 | MCI drill debrief, prep for drill # 2 |  |
| 5/18 | MCI drill # 2 |  |
| 5/19 | Review for final written exam |  |

|  |  |  |
| --- | --- | --- |
|  | **Week 8** |  |
| 5/21 | Final written exam |  |
| 5/22 | Review of written results  Final practical exams – practice sessions |  |
| 5/23 | Final practical exams |  |
| 5/24 | Final practical exams (if needed), review of practicals, graduation prep |  |
| 5/25 | Graduation ceremony |  |
| 5/26 |  |  |