

Medical Team Specialist Course

Urban Search and Rescue Program

Medical Team Training

May 22 - 25, 2023

Event Action Plan



Delivered By:

DISASTER **MEDICAL SOLUTIONS**

DMS is dedicated to providing the highest level of training across the spectrum of operational disaster medicine.

Hosted By:





Welcome to the FEMA Urban Search and Rescue Medical Team Specialist Course (FEMA Course Code 9P3131), May 22-25, 2023. The Spring class is being hosted by St. Charles County Ambulance District located in St. Peters, MO.

The ILT component of course 9P3131, while not presented by the FEMA Program Office is recognized as equivalent. Instructors include members of federal and state US&R Task Forces and are credentialed FEMA US&R instructors.

The *current* blended learning Medical Team Specialist (MTS) Course is 59.0 hours in length; 13.0 hours of Computer-Based Training (CBT), which all of you completed prior to attending the 46.0 hours of Instructor Led Training (ILT).

FEMA's current curriculum is designed to fulfill the initial training requirements for Urban Search and Rescue Task Force Medical Specialist and Medical Team Managers.

The Medical Team Specialist Course is designed to provide participants with the knowledge, skills, and abilities to confidently perform medical assessment and care at a structural collapse and other disasters due to natural or terrorist incidents. This course exposes the student to the injury types consistent with the structural collapse and traumatic incidents. A *heavy* focus is placed on providing care in a confined space and other austere environments.

During hands-on sessions you will demonstrate your technical skills, knowledge, abilities, and confidence gained from instruction with multiple exercises of skills and scenarios throughout the week. The week ends with a night field exercise. These sessions require proper equipment and is strenuous in nature. Rain or shine, exercises will be performed in confined space training props replicating the various austere environments found in a real disaster.

We hope you enjoy the week and encourage you to build a network of fellow responders who you may call upon sometime in the future. The schedule will give you a good idea on what to expect on day one. Please follow us on-line for more information and always feel free to contact us.

Stay safe and have fun,

DMS
Staff

Good Medicine for Bad Place®



Table with 4 columns: INCIDENT BRIEFING, 1. INCIDENT NAME USAR MTS, 2. DATE PREPARED, 3. TIME PREPARED, and 5. PREPARED BY (NAME AND POSITION). The main body contains a list of 13 items regarding the 2023 US&R Medical Team Specialist Training course.



FEMA

FEDERAL EMERGENCY MANAGEMENT AGENCY
Emergency Support Function; 9
National Urban Search and Rescue Response System

INCIDENT BRIEFING

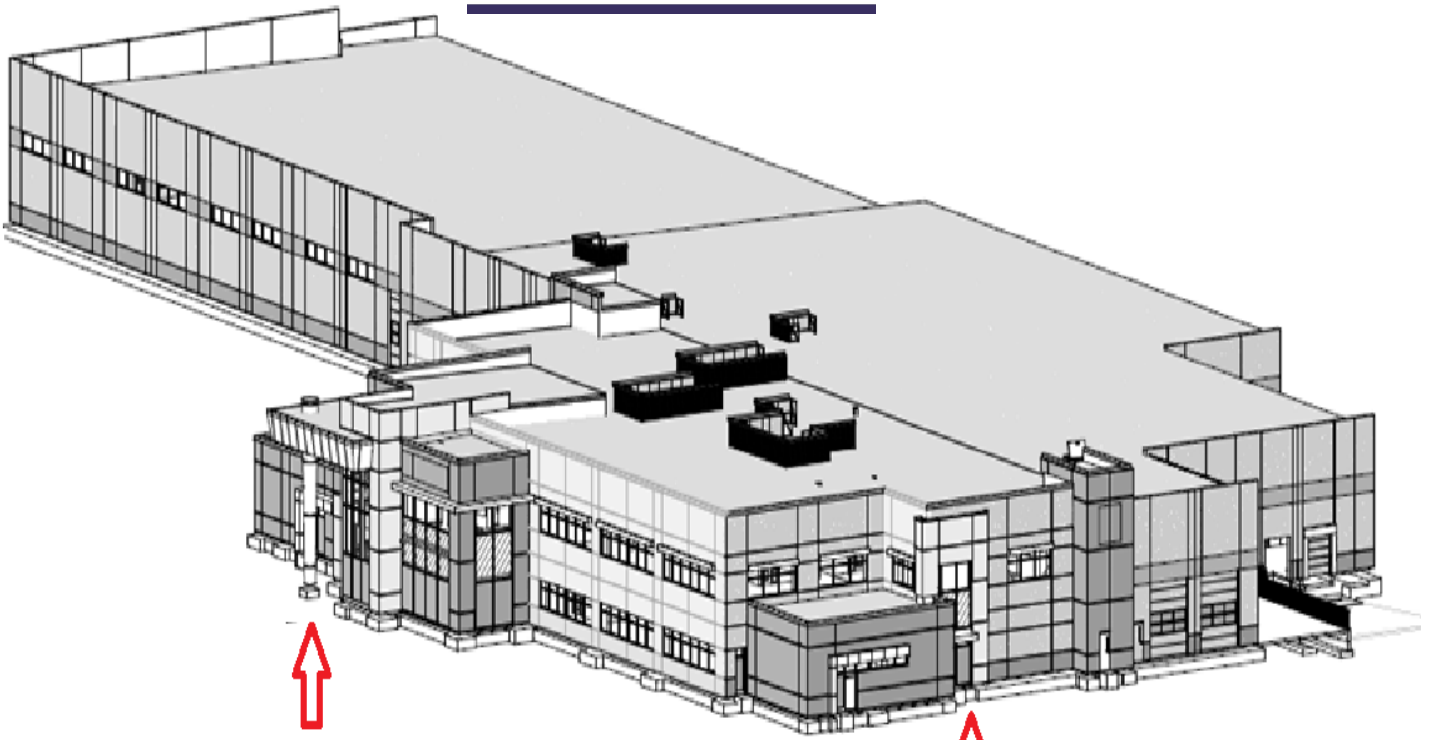
1. INCIDENT NAME
USAR MTS
Medical Team Specialist Training

2. DATE PREPARED
04/11/23

3. TIME PREPARED
0915



St. Charles County Ambulance District



MAIN ENTRANCE

TRAINING ENTRANCE

US&R MEDICAL SPECIALIST COURSE

2000 Salt River Rd.

St. Peters, MO 63376

ICS 201 (2010)
4. MAP Aerial Photo

PAGE 2

5. PREPARED BY (NAME AND POSITION)
Joe Hernandez, (Course Coordinator) / Vincent Johnson (Course Lead)



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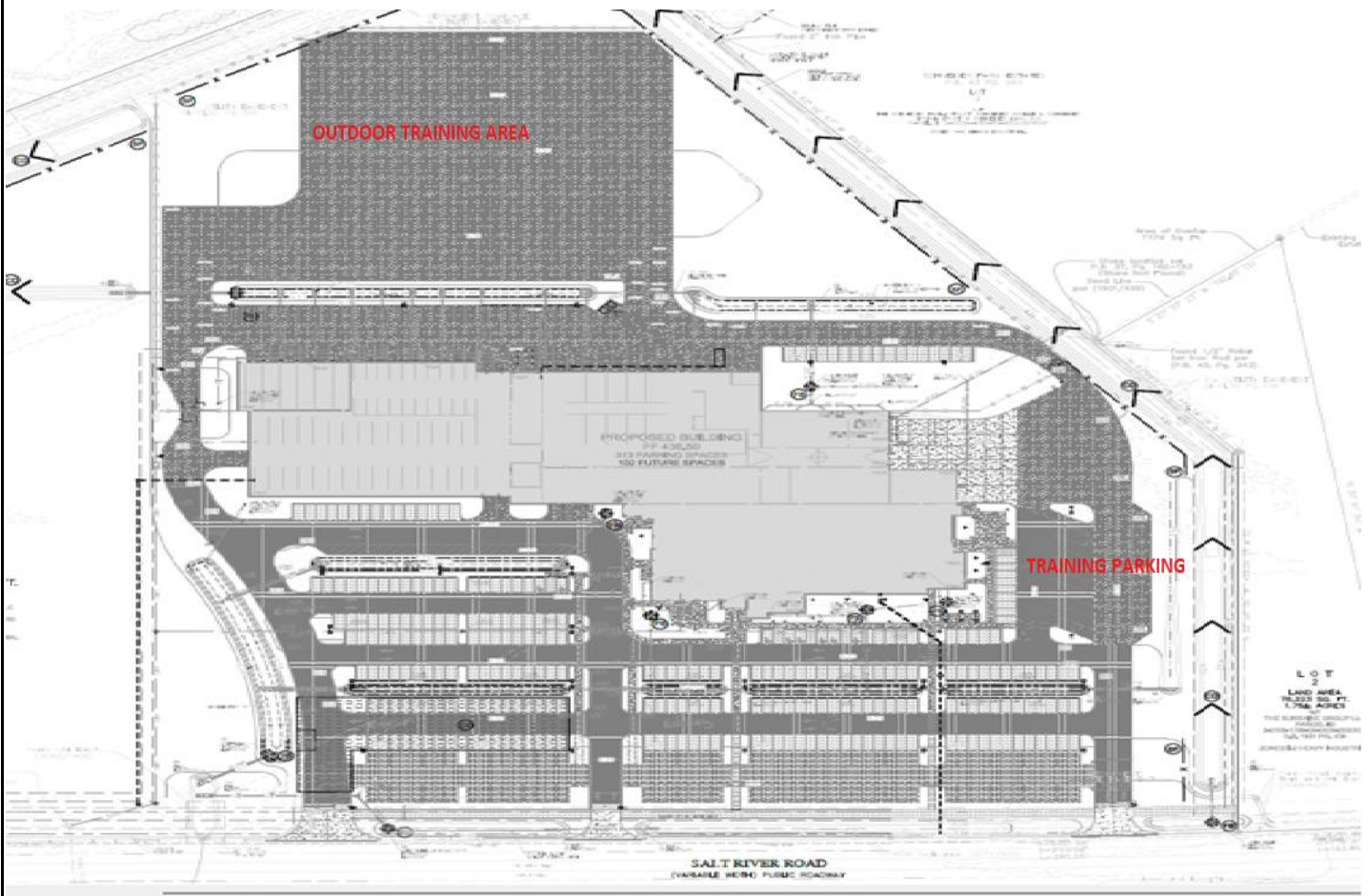
FEDERAL EMERGENCY MANAGEMENT AGENCY
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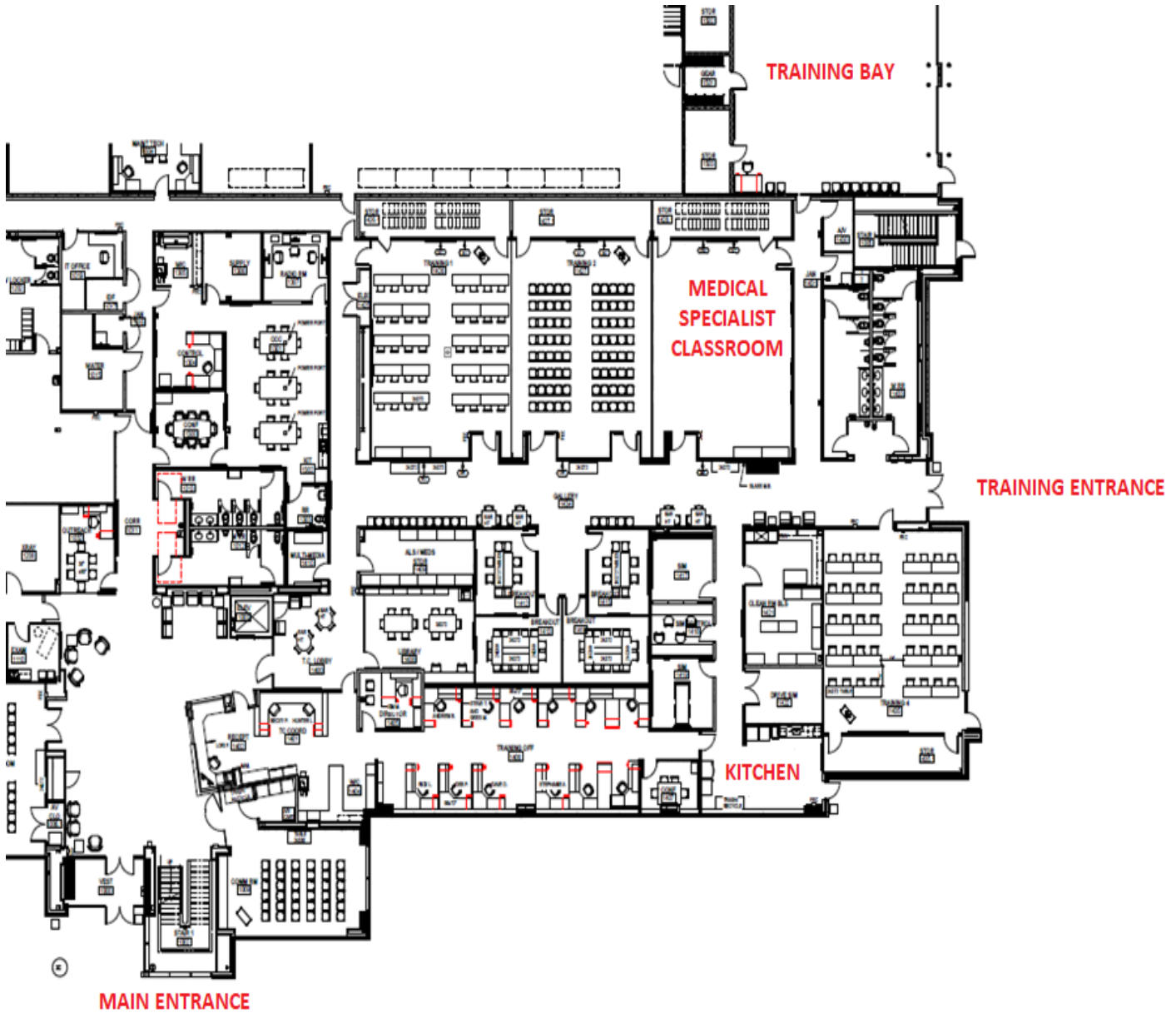
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FEDERAL EMERGENCY MANAGEMENT AGENCY
Emergency Support Function-9
National Urban Search and Rescue Response System

ICS 204

ICS 204

Assignment List form containing sections: 1. BRANCH US&R, 2. DIVISION/GROUP Medical, 3. INCIDENT NAME, 4. OPERATIONAL PERIOD, 5. TASK FORCE MANAGERS, 6. RESOURCES ASSIGNED THIS PERIOD, 9. TF TEAM COMMUNICATIONS SUMMARY, and PREPARED BY/ APPROVED BY fields.



FEMA

FEDERAL EMERGENCY MANAGEMENT AGENCY Emergency Support Function-9 National Urban Search and Rescue Response System

MCI Plan	1. INCIDENT NAME USAR MTS Medical Team Specialist Training	2. DATE PREPARED 4/12/2023	3. TIME PREPARED 1140
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In the event of a Multi-Casualty Incident, an instructor will stop all course operations until the severity of the event can be determined. The Multi Casualty Plan will be activated for more than 3 patients. The patients will be moved as outlined in the Medical Plan.

The Staff will fill the following Positions until relieved by local resources:

- Incident Commander: Vinny Johnson
- Medical Unit Leader: Dr Butherus
- Triage Unit Leader: Greg Bollella
- Treatment Unit Leader: Juan Henriquez
- Transportation Unit Leader: Matt Haywood / SCCAD EMS
- Medical Supply Officer: Ahmed Abousalah
- Rescue Group: Dorian Taylor / Miguel Ferrer
- Remaining Staff and Students will be assigned activities as needed by on-site SCCAD leaders.

Triage:

1. Patients will be moved to a safe area for triage if possible.
2. START Triage will be used to assign initial patient severity.
3. Patients will be tagged using local Triage Tag System and will be recorded on a patient transportation log.

Treatment:

1. A treatment area will be established for collection of injured parties.
2. Immediate, Delayed, and Minor **Treatment Manager** will be assigned as needed and will be made up of the following personnel. Dr. Butherus
3. Medical Supplies will be stockpiled at staging area.

Transportation:

1. A Loading Area will be established.
2. Medical Communications Officer will be assigned to facilitate distribution of patients in accordance with LocalMCI Protocol.
3. Patients will be transported under the direction of the Patient Transportation Group Supervisor.

Following Transportation of the Injured:

1. Staff, as needed, will be assigned to each receiving facility to facilitate documentation.
2. Staff and students will complete written accounts of the incident before being released from the course.
3. All sponsoring agencies will be advised of the incident, in coordination with AHJ.

PREPARED BY :(Name & Position)
Joe Hernandez (Course Coordinator)

Approved By(Name & Position):
Vincent Johnson (Course Lead)

Personnel Accountability System

Summary

To assist in establishing a safe training environment and to help instructors track participants and other instructors during night field exercise, this course will incorporate a “triage light” system. The intent of this system is to track the students, instructors, and command during all night operations.

Purpose

The purpose of the “triage light” system is to account for the location and function of all teams on the training site and to provide a rapid way to account for all personnel and instructors in the event of an emergency.

Definitions

- **Class Room Accountability Status Board:**
The assigned squad leader of each team will be responsible for the team’s accountability par every morning, throughout the day, and on daily debriefings. All participants need to confirm activities and check in with the squad leader. All participants are regarded as a squad (team) and accountability is expected.
- **Evacuation Signal:** All participants and instructors have the authority to call for an evacuation. If an evacuation is called for, three short blasts from an air horn or whistle will be sounded. If radios are being used during the class “evacuate, evacuate, evacuate” will be announced.
- **Lead Instructor (Incident Commander):** the senior instructor in charge of the training scenarios. This person will be assigned and may change during different segments of the training. Any change in the Lead Instructor will be announced. The instructor assigned as the Incident Commander will wear a “rotating color triage light”.
- **Triage (Chem) Lights:** Each instructor and student will be issued a triage light, to be used during night operations of class. The lights must be returned at the end of the class.
 - ✓ Participants Lights will be identified with a solid color (Red, Blue, or Yellow)
 - ✓ Instructor Lights will be identified with a solid color (Red, Blue, or Yellow) to match their squads.
 - ✓ IC/Safety Officer Lights will be identified with a strobe multi-color
 - ✓ Medical Command will be identified with receiving transport units
- **PAR (Personnel Accountability Report):** The Safety Officer or IC may call for a PAR at any time during the exercise. When a PAR is called for, each team will complete a role call and report to their assigned instructor on their team status. If any team members are not accounted for, the exercise will be halted until they are located. During the night exercise instructors will personally place each “Volunteer Student” and complete a verbal PAR to ensure that all “Volunteer Students” are accounted for. When responding to the PAR, the Team Leader will announce “This is an Instructor: ARE ALL PRESENT AND ACCOUNTED FOR.” The Medical Command will ensure all “Volunteer Students” are accounted for in receiving.
- **Re-Hab Area:** Re-habilitation area will be designated in front of Concrete Collapse Building. This areas will be used for rest and rehabilitation during the night physical activities. They will also be used as a gathering point in the event of an evacuation of the site during the exercise.
- **Safety Officer:** The Safety Officer position will be assigned to one of the instructors at the start of class. The Safety Officer will ensure that the site safety plan is in place and that the accountability system is being used. In the event of a training accident, the Safety Officer will be responsible for calling for and completing a PAR.

Procedure

- For minor accidents, all team members will exit the collapse structure and a PAR will be completed for that squad. All injuries are to be reported to one of the instructors.
- Accidents involving a moderate injury or multiple students will be reported to the instructor supervising the scenario. All training operations will be stopped, and all areas will be evacuated. A PAR will be completed by the Lead Instructors of each squad, and the Safety Officer will complete one of the “volunteer students”. The IC will be advised of each team’s status and of any medical needs. The site safety plan will be implemented.



URBAN SEARCH AND RESCUE

TASK FORCE -

Date	
Time	
Incident	

Pre-Deployment Physical Exam

(Per FEMA Directive USR PD 2011-023 – this form must be completed by a licensed veterinarian at time of K-9 deployment)

Handler		Search Team Manager							
K-9	Name		Age		Breed				
	Weight (lb/kg)		Color		Sex				
Pertinent History									
Preventatives	Vaccinations Current?	Yes/No	Heart Worm Current?	Yes/No	Flea/Tick Current?	Yes/No			
Medications (yes/no – list if yes)									
Exam	TPR	Temp		HR		RR		MM/CRT	
	Attitude			Hydration					
	Eyes			Ears					
	Mucous Membranes			Cardiovascular					
	Respiratory			Abdominal					
	Musculoskeletal								
	Skin			Urogenital					
	Neurologic			Lymph Nodes					
Instructions and/or Recommendations									
Medical Deployment Recommendation	Accept		Reject						
Examined by: (must be licensed veterinarian)				Signature:					



Medical Team Specialist Schedule

May 22 – 25, 2023

DAY 1 (Monday, May 22)

Time	Unit	Instructor(s)
0745-0800	<i>Participants / Instructors / SME's / Morning Health Check-Int:</i>	
0800-0830	Module 0: Welcome and Course Introduction	Johnson / Cadre / Host Facility Rep
0830-1015	Module 1: Medical Considerations in the US&R Environment	Johnson
1015-1030	<i>Break</i>	
1030-1200	Module 5: Confined Space Medical Considerations	Hernandez
1200-1300	<i>Lunch:</i>	
1300-1315	Module 7: Skill Station Introduction / Review	Johnson
1315-1330	<i>Transition to skill stations</i>	
1330-1500	Skill Station: Confined Space Maneuvers (with limiting gear)	Haywood / Ferrer / Taylor
1500-1630	Skill Station: Patient Monitoring and Packaging	Ahmed / Henriquez / Bonfield
1630-1800	Skill Station: Airway Access and Cric Field Lab	Dr. Butherus / Johnson / Bollella
1800-1815	<i>Return to Readiness / Transition to classroom</i>	<i>Everyone</i>
1815-1830	Debrief-Hot Wash, Skill Station Review	Cadre
1830-	<i>Dinner:</i>	

DAY 2 (Tuesday, May 23)

Time	Unit	Instructor(s)
0745-0800	<i>Participants / Instructors / SME's / Morning Health Check-Int:</i>	
0800-0815	Daily Briefing	Johnson
0815-0915	Module 4: Blast Injuries and Hemorrhage Control	Dr. Butherus
0915-0930	<i>Break</i>	
0930-1100	Module 2: Crush Syndrome	Dr. Butherus
1100-1200	Module 3: Field Amputation and Pain Management	Dr. Butherus
1200-1300	<i>Lunch:</i>	
1300-1315	Module 7: Skill Station Introduction /	Johnson
1315-1330	<i>Transition to skill stations</i>	
1330-1500	Skill Station: Vascular Access IV/IO/ and Fluid Management	Johnson / Bonfield / Bollella
1500-1630	Skill Station: Immobilize, Monitor and Extricate with limiting gear	Haywood / Ferrer / Taylor
1630-1800	Skill Station: Field Amputation, Management, and Controversies	Dr. Butherus / Ahmed / Henriquez
1800-1815	<i>Return to Readiness / Transition to classroom</i>	<i>Everyone</i>
1815-1830	Debrief-Hot Wash, Skill Station Review	Cadre
1830-	<i>Dinner:</i>	

All Squads will rotate through each of the scheduled skill and scenario stations.

DAY 3 (Wednesday, May 24)

Time	Unit	Instructor(s)
0745-0800	<i>Participants / Instructors / SME's / Morning Health Check-Int:</i>	
0800-0815	Daily Briefing and Skill Station Introduction	Johnson
0815-0945	Module 6: Task Force (TF) Canines	Dr. Brown
0945-1000	<i>Break</i>	
1000-1130	Skill Station: Assessing the Partially Accessible Patient	Johnson / Ahmed / Henriquez / Bonfield
1130-1300	Skill Station: Canine Care (basic/advanced)	Dr. Brown / Haywood / Ferrer
1300-1345	<i>Lunch:</i>	
1345-1515	Skill Station: Hemorrhage Control and Application	Dr. Butherus / Taylor / Bollella / Rocco
1515-1530	<i>Transition to classroom</i>	
1530-1545	Module 8: Patient Care Scenario Introductions and Review	Johnson
1545-1615	<i>Transition for squads to secure equipment</i>	<i>Squads build response bags</i>
1615-1745	Patient Scenario: 48 Hours	Dr Butherus / Johnson / Bonfield / Bollella
1745-1830	<i>Dinner: BOX?</i>	<i>Class</i>
1830-2000	Patient Scenario: Windy Room	Henriquez / Ahmed / Taylor
2000-2130	Patient Scenario: Canine Team Down	Dr. Brown / Haywood / Ferrer
2130-2145	<i>Return to Readiness / Transition to classroom</i>	<i>Everyone</i>
2145-2200	Debrief-Hot Wash, Skill, and Scenario Review	Cadre

DAY 4 (Thursday, May 25)

0745-0800	<i>Participants / Instructors / SME's / Morning Health Check-Int: Daily</i>	
0800-0830	Briefing	Johnson
0830-0900	Wound Irrigation and Care	Dr. Butherus
0900-1000	Skill Station 8: Wound Irrigation and Task Force Care	Dr Butherus / Ahmed / Bollella
1000-1015	<i>SRK Review / Transition for squads to secure equipment</i>	<i>Squads secure response bags and equipment</i>
1015-1200	Patient Scenario: The Tunnel	Bonfield / Ahmed / Taylor
1200-1300	<i>Lunch:</i>	
1300-1430	Patient Care Scenario: The Day Care	Haywood / Henriquez / Ferrer
1430-1600	Patient Care Scenario: The Office	Dr Butherus / Johnson / Bollella
1600-1630	<i>Return to Readiness / Transition to classroom</i>	<i>Everyone</i>
1630-1730	<i>Dinner:</i>	<i>Class</i>
1730-1815	US&R Emergency Management Operations	Scardina
1815-1830	Field Exercise Operations and Review	Johnson
1830-1900	<i>Transition for squads to secure equipment</i>	
1900-2100	Full Field Night Exercise (MCI) and Debrief-Hot wash	Cadre
2100-2130	<i>Return to Readiness / Transition to classroom</i>	<i>Everyone</i>
2130-2200	Course Evaluations and Graduation	Everyone

All Squads will rotate through each of the scheduled skill and scenario stations.

MTS Course delivered by: www.disastermedicalsolutions.com