

Michigan Dept. of Health & Human Services
 Division of EMS, Trauma and Preparedness
 EMS Section
 201 Townsend
 Lansing, Michigan 48913
 Email:
 MDHHS-CE@michigan.gov

Email is the preferred method of application

MDHHS USE ONLY

Received by Regional Coordinator: Date _____
 Returned for Correction(s): _____
 Corrections Received: _____
 Date of Final Review: _____
 Regional Coordinator Signature: _____
 CE Topic(s) Approval Yes No Region: _____

**NOTIFICATION OF INTENT TO CONDUCT A CONTINUING EDUCATION TOPIC
 EMS CE PROGRAM SPONSOR**

For use by an **EMS CE Program Sponsor** that is applying for CE **not** as part of an initial education program

This form with a legal signature must be received by the Department at least 30 days prior to the start of the first class.

Failure to complete and submit this form as prescribed may result in an automatic disapproval.

Your application and additional documentation will be reviewed and either returned for deficiencies or approved and a copy returned for your records. A copy will also be maintained on file with MDHHS.

EMS CE Program Sponsor must provide proof of attendance to each individual and maintain in records, a roster of those individuals who attended each CE session. The CE proof of attendance must have approved category name on the front.

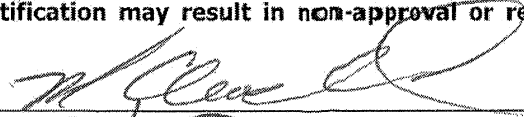
For further information, refer to the Standardized EMS CE Credit Guide "Approval Guidelines for Continuing Education Programs"

EMS CE Program Sponsor West Michigan Regional Medical Consortium		Approval #	
Sponsor Representative Chad Lawton	Phone # 231-728-1621	E-mail: clawton@wmrmc.org	
Street Address 1675 Leahy St.			
City Muskegon	State MI	Zip 49442	County Muskegon

EMS CE Instructor Coordinator:

Name Mark Cleveland	Phone # 517-366-9963	E-mail: Cleveland.marka@gmail.com	
Street Address 6125 Hubbard Rd	IC Licensure Level Paramedic	I/C# 2189	
City Muskegon	State MI	Zip 49442	County Muskegon

I affirm that all the information submitted in this notification is true and that all presentations will comply with MDHHS requirements and will occur as outlined in this document. I understand that any misrepresentation of the information provided as part of this notification may result in non-approval or revocation of existing approval, or further action by MDHHS.

Signature of EMS CE Instructor Coordinator  Date 7/25/16

Signature of EMS CE Sponsor Representative  Date 7/25/16

- 19 with this application, you must attach the following for each class:
- a. Lesson plan including program content and learning objectives
 - b. Sample certificate of attendance (if different from original application)
 - c. Name and qualifications of presenter (if different from original application)
 - d. Evaluation tools to be used (if different from original application)

Practical means: supervised or critiqued hands-on practice or simulation achieving identified psychomotor objectives.

Category Code	EMS Provider Categories	Category Code	EMS Provider Categories	Category Code	Instructor/Coordinator Categories
1	Preparatory	5	Trauma	10	Instructional Techniques
2	Airway Management and Ventilation	6	Special Considerations	11	Educational Administration
3	Patient Assessment	7	Operations	12	Measurement & Evaluation
4	Medical				

CONTINUING EDUCATION PROGRAM SCHEDULE

Cat. Code	Specific Topic Title*	Course Format	Number Hours	Number of Credits					
				MFR	EMT	EMT-S	P	IC	
1	Lifting and Moving patients	Lecture	1	1	1	1	1	1	
		Practical (Hands-on or Skill)	.5	.5	.5	.5	.5		
		Lecture	1	1	1	1	1		
7	Rescue Extrication	Practical (Hands-on or Skill)	2	2	2	2	2		
		Lecture	2	2	2	2	2		
1	Communicable disease	Practical (Hands-on or Skill)							
		Lecture	1	1	1	1	1		
6	Pediatric Trauma	Practical (Hands-on or Skill)	1	1	1	1	1		
		Lecture	1	1	1	1	1		
2	Airway/O2	Practical (Hands-on or Skill)	1	1	1	1	1		
		Lecture	1	1	1	1	1		
5	Chest Injuries	Practical (Hands-on or Skill)	1	1	1	1	1		
		Lecture	1	1	1	1	1		
4	Behavioral Emergencies	Practical (Hands-on or Skill)	1	1	1	1	1		
		Lecture	1	1	1	1	1		
5	Musculoskeletal	Practical (Hands-on or Skill)	1	1	1	1	1		
		Lecture	1	1	1	1	1		



Lesson Plan: Rescue & Extrication

Topic:	Rescue/Extrication
Presenter:	West Michigan Regional Medical Consortium CE Sponsor Program
Location:	West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category:	Operations
License Level:	MFR, EMT, EMT-S, EMT-P
Credits:	3
Format:	1 hour lecture, 2 hour practical

Objectives: At the conclusion of this CE session, participants will be able to:

Cognitive

1. Review safety equipment for gaining access.
2. Recognize the importance of gaining access to patients in automobile crashes.
3. Review current techniques in gaining access to patients.
4. Discuss the use of hand tools and hydraulic tools in gaining access to patients.

Psychomotor

1. Practical Session gaining access to patients and extrication of patients from danger.

Affective

None

Outline for Lecture Presentation:

1. Introductions and Course Overview
2. Safety equipment and its use in gaining access
3. The importance of gaining access to patients in automobile crashes
4. Current techniques in gaining access
5. Use of hand and hydraulic tools to gain access to patients
6. 3 Station rotation Station 1-hand tool access, Station 2- hydraulic tool access and station 3 – combination of hand and hydraulic tools to gain access
7. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Recognizing and understanding importance of Rescue/Extrication is a critical part of patient treatment. Knowledge of Rescue/Extrication is an important part of developing the EMS providers critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Communicable Diseases

Topic: Communicable Diseases

Presenter: West Michigan Regional Medical Consortium CE Sponsor Program

Location: West Michigan Regional Medical Consortium CE Sponsorship Locations

Credit Category: Preparatory

License Level: MFR, EMT, EMT-S, EMT-P

Credits: 2

Format: 2 hours lecture

Objectives: The participant of the CE session will:

Cognitive

1. Recognize the importance of FIT Testing and the differences between qualitative and quantitative testing.
2. Review and discuss considerations of flu vaccination, Hepa-Vax, and TB testing.
3. Discuss why, when and how to use proper PPE.

Psychomotor

None

Affective

None

Outline for Lecture Presentation:

1. Introductions
2. Communicable Diseases presentation, including power points on Fit Testing, Flu vaccinations, Hepa-Vax and TB testing, proper PPE
3. Group discussion on the pros and cons of vaccinations
4. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.

Rationale for Presentation: Recognizing and understanding communicable diseases is a critical part of patient treatment. Communicable diseases refresher is an important part of developing the EMS provider's critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.

Lesson Plan: Nonaccidental Head Injuries in Infants

Topic:	Nonaccidental Head Injuries with Infants
Presenter:	West Michigan Regional Medical Consortium Educational Staff
Location:	West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category:	Special Considerations – Pediatrics: Trauma
License Level:	MFR, EMT, SPEC, MEDIC
Credits:	1 Lecture 1 Practical
Format:	1 hour lecture 1 Practical

Objectives: At the conclusion of this class the student will be able to:

Cognitive

1. Review pediatric anatomy & physiology.
2. Review non accidental head injuries with pediatric patients.
3. Discuss the types of intracranial injuries.
4. Discuss the signs related with a severe axonal injury.
5. Discuss common associated injuries accompanying non-accidental head injuries.

Psychomotor

1. Practice and display proper spinal precautions for various age pediatric patients.

Outline:

1. 0:00-0:10 Introduction to the topic
2. 0:10-0:20 Review of Pediatric A&P
3. 0:20-0:30 Review non-accidental head injuries with pediatric patients
4. 0:30-0:40 Discuss types of intracranial injuries
5. 0:40-0:50 Discuss signs and symptoms of axonal injury.
6. 0:50-1:00 Discuss associated injuries accompanying non-accidental head injuries.
7. 1:00-1:15 Skill Station 1: Proper fitting and placement of c-collar
8. 1:15-1:30 Skill Station 2: Proper pediatric board placement with void filling
9. 1:30-1:45 Skill Station 3: Putting it all together
10. 1:45-2:00 Review and summary

Student Evaluation Method: There will not be a formal student evaluation done.

Evaluation of Presentation: There will be no formal evaluation of the session.

Rationale for Presentation: Pediatric abuse is on the rise in our country. With limited call volumes dealing with pediatric patients, it is important to review common nonaccidental head injuries.



Lesson Plan: Airway Oxygen Basic

Topic:	Airway Oxygen Basic
Presenter:	West Michigan Regional Medical Consortium Educational Staff
Location:	West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category:	Airway Management and Ventilation
License Level:	MFR, EMT, EMT-S, EMT-P
Credits:	2
Format:	1 hour lecture, 1 hour practical

Objectives: At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Review and discuss rules, indications and contraindications for the Bag-Valve-mask application, Oxygen equipment setup and application, OPA and NPA.

Psychomotor

1. Perform several basic airway skills in skill rotation stations with 100% accuracy as outlined in the state objectives and local protocols.
2. Perform a proper basic airway all the time acting as team leader given a scenario.

Affective

None

Outline for Lecture Presentation:

1. Introductions
2. Airway Oxygen Basic presentations including power point presentation
3. The student will identify and demonstrate proper indications, contraindications, sizing, insertion and use for each of the following
 - A. Skill Rotation 1: BVM proper ventilation station
 - B. Skill Rotation 2: O2 equipment setup NRB, Nasal Canula, and Venturi
 - C. Skill Rotation 3: OPA and NPA's
4. Case based scenarios
5. Summary and Questions

Student Evaluation Method: An evaluation of the student's case based scenario performance will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Recognition of Performance of good airway oxygen basic skills is a critical part of patient treatment. Airway oxygen basic refresher is an important part of developing the EMS provider's critical thinking skills. This lends to better pre-hospital patient treatment.



Lesson Plan: Behavioral and Psychiatric Emergencies

Topic: Behavioral and Psychiatric Emergencies
Presenter: West Michigan Regional Medical Consortium CE Sponsor Program
Location: West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category: Medical
License Level: MFR, EMT, EMT-S, EMT-P
Credits: 2
Format: 1 hour lecture, 1 hour practical

Objectives: The participant of the CE session will:

Cognitive

1. Review Local Protocols for Behavioral and Psychiatric Emergencies.
2. Recognize signs and symptoms of Excited delirium and the difference between excited delirium and other problems that it might mimic.

Psychomotor

3. Perform management and Treatment of Excited delirium simulated patients including proper restraints and self-preservation techniques.

Affective

4. Recognize the growing importance of early recognition of excited delirium as the number of deaths is growing rapidly from ED.

Outline for Lecture Presentation:

1. Introductions
2. Behavioral and Psychiatric Emergencies presentation, including power point presentation on signs and symptoms, treatments and management of Excited Delirium. The number of deaths is quickly rising from ED going unrecognized. The correlation between Tazers and Excited Delirium.
3. Scenarios to have student show proper restraints and techniques for self-protection
4. Case based affective scenarios
5. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Proper understanding of Behavioral and Psychiatric Emergencies is key for proper patient treatment. Understanding Behavioral and Psychiatric Emergencies is an important part of developing the EMS provider's knowledge and skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Musculoskeletal Injuries

Topic: Musculoskeletal Injuries

Presenter: West Michigan Regional Medical Consortium Educational Staff

Location: West Michigan Regional Medical Consortium CE Sponsor Locations

Credit Category: Trauma

Specific Topic: Musculoskeletal Injuries

License Level: MFR, EMT, EMT-S, EMT-P

Credits: 2

Format: 1 hour lecture, 1 hour practical

Objectives: At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Review state objectives and local protocols for Musculoskeletal Injuries.
2. Recognize the seriousness of Musculoskeletal Injuries.

Psychomotor

1. Complete hands-on treatment of Musculoskeletal Injuries.

Affective

None

Outline for Lecture Presentation:

1. Introductions
2. Musculoskeletal injury presentation, including power point
3. Practical explanation of treatment of musculoskeletal injuries
4. Peer evaluations of musculoskeletal injury treatment given simulated fractures and sprains according to NREMT skill sheets
5. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Recognizing and proper treatment of musculoskeletal injuries is a critical part of patient treatment. Musculoskeletal injury review is an important part of developing the EMS provider's critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Patient Assessment

Topic: Patient Assessment

Presenter: West Michigan Regional Medical Consortium Educational Staff

Location: West Michigan Regional Medical Consortium CE Sponsor Locations

Credit Category: Patient Assessment

Specific Topic: Patient Assessment

License Level: MFR, EMT, EMT-S, EMT-P

Credits: 2

Format: 1 hour lecture, 1 hour practical

Objectives: The participant of the CE session will:

Cognitive

1. Review primary and secondary survey per NREMT skill sheets
2. Review medical and trauma Assessment per NREMT skill sheets
3. Review of pediatric and geriatric assessment and the differences.

Psychomotor

1. Perform a medical or trauma assessment in at least 4 of the following scenarios (these will be 5 min rotations with the students also having to participate as patients):
 - A. 2-year-old fallen from shopping cart
 - B. 57-year-old female fallen 18 feet from tree stand
 - C. 23-year-old male with sudden onset of chest pain
 - D. 48-year-old fallen through ice and is disoriented
 - E. 16-year-old female car vs. tree disoriented

Affective

None

Outline for Lecture Presentation:

1. Introductions
2. Patient assessment presentation, including power point
3. Practical explanations of patient assessment
4. Peer evaluations of scenario based patient assessments
5. Summary and Questions

Lesson Plan: Patient Assessment

Student Evaluation Method: A formal evaluation of the student's performance in the scenario will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Patient assessment is a critical part of patient treatment. Patient assessment refresher is an important part of developing the EMS providers critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Environmental Emergencies

Topic: Environmental Emergencies

Presenter: West Michigan Regional Medical Consortium Education Staff

Location: West Michigan Regional Medical Consortium CE Sponsor Locations

Credit Category: Medical

License Level: MFR, EMT, EMT-S, EMT-P

Credits: 2

Format: 2 hours lecture

Objectives: The participant of the CE session will:

Cognitive

1. Review local protocols for Environmental Emergencies including heat exhaustion, heat stroke, hyperthermia, hypothermia.
2. Recognize the seriousness of Environmental Emergencies and the signs and symptoms associated with heat Stroke, heat exhaustion, hyperthermia and hypothermia and the complications of each.
3. Review and describe treatments for Heat exhaustion, heat stroke, hyperthermia and hypothermia.

Psychomotor

None

Affective

None

Outline for Lecture Presentation:

1. Introductions
2. Environmental Emergencies presentation, including power points on signs and symptoms, complications and treatments for Heat exhaustion, Heat stroke, hyperthermia and hypothermia.
3. Small group discussions on latest treatments of Environmental Emergencies
4. Case Based Scenarios on Heat stroke, Heat Exhaustion, Hyperthermia and Hypothermia
5. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.

Rationale for Presentation: Recognizing and understanding Environmental Emergencies is a critical part of patient treatment. Environmental Emergencies review is an important part of developing the EMS providers critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Spinal Injuries and Backboarding

Topic:	Spinal Injuries and Backboarding
Presenter:	West Michigan Regional Medical Consortium CE Sponsor Program
Location:	West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category:	Trauma
License Level:	MFR, EMT, EMT-S, EMT-P
Credits:	2
Format:	1 hour lecture, 1 hour practical

Objectives: At the conclusion of this CE session, participants will be able to:

Cognitive

1. Review and discuss protocols for Spinal Injuries and Spinal Immobilization and spinal rule out criteria.
2. Recognize the seriousness of Spinal Injuries and Backboarding and their complications.

Psychomotor

1. Perform evolutions utilizing LBB and/or short board as scenarios dictate.

Affective

None

Outline for Lecture Presentation:

2. Introductions
3. Spinal Injuries and Backboarding presentation, including power point
4. Small group discussions
5. Practical session, 4 Station Rotation, Backboarding, ShortBoard (KED), Rapid Trauma Survey on simulated patients, detailed physical exam per national registry sheets.
6. Evaluated Scenarios with simulated patients.
7. Summary and Questions

Student Evaluation Method: An evaluation of participant skills will occur during scenarios.

Evaluation of Presentation: Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.

Rationale for Presentation: Recognizing and understanding Spinal Injuries is a critical part of patient treatment. Knowledge of Spinal Injuries and Backboarding is an important part of developing the EMS providers critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Bleeding and Soft Tissue Injuries

Topic: Bleeding and Soft Tissue Injuries

Presenter: West Michigan Regional Medical Consortium Education Staff

Location: West Michigan Regional Medical Consortium CE Sponsor Locations

Credit Category: Trauma

License Level: MFR, EMT, EMT-S, EMT-P

Credits: 2

Format: 1 hour lecture, 1 hour practical

Objectives: At the conclusion of this CE session, participants will be able to:

Cognitive

1. Review Bleeding control venous and arterial, Soft Tissue Injuries.
2. Recognize the seriousness of Bleeding and Soft Tissue Injuries and their complications including facial trauma and injuries to the abdominal area.

Psychomotor

1. Management of Bleeding and Soft Tissue Injuries.

Affective

None

Outline for Lecture Presentation:

1. Introductions
2. Bleeding and Soft Tissue Injuries presentation, including power points on objectives
3. Small group discussions and cased based scenarios
4. Practical session, bandaging and dressing of wounds of the Leg, arm, and chest on simulated patients using moulage utilizing proper application of pressure dressing and tourniquet when needed and when to apply and materials that can be used as a tourniquets.
5. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Recognizing and understanding Bleeding and Soft Tissue Injuries is a critical part of patient treatment. Knowledge of Bleeding and Soft Tissue Injuries is an important part of developing the EMS providers critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Allergies / Anaphylaxis

Topic: Allergies/Anaphylaxis

Presenter: West Michigan Regional Medical Consortium CE Sponsor Program

Location: West Michigan Regional Medical Consortium CE Sponsor Locations

Credit Category: Medical

License Level: MFR, EMT, EMT-S, EMT-P

Credits: 2

Format: 1 hour lecture, 1 hour practical

Objectives: The participant of the CE session will:

Cognitive

1. Review protocols for all levels for treatment of allergies and anaphylaxis.
2. Recognize signs, symptoms, causes and the seriousness of allergic reactions and anaphylaxis and chemical reactions.

Psychomotor

1. Complete hands on training in the use of epi-pen auto-injector and duo- dote auto injectors.

Affective

None

Outline for Lecture Presentation:

2. Introductions
3. Allergies/Anaphylaxis presentation, including power points on objectives
4. Practical explanation of anaphylaxis
5. The student will identify and demonstrate Indications, contraindications, side effects and proper use of each of the following, Epi pen auto injectors and Duo-dote injectors for chemical poisonings utilizing trainers for each. Paramedics will demonstrate proper technique and location for administering Epi subcutaneously.
6. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Standard Program Evaluation form will be filled out by participants.

Rationale for Presentation: Recognition of Anaphylaxis is a critical part of patient treatment. Allergies and Anaphylaxis refresher is an important part of developing the EMS provider's critical thinking skills. This lends to better pre-hospital patient treatment and provider confidence.



Lesson Plan: Driver Simulation

Topic:	Driver Simulation
Presenter:	West Michigan Regional Medical Consortium CE Sponsor Program
Location:	West Michigan Regional Medical Consortium CE Sponsor Locations
Credit Category:	Operations
License Level:	MFR, EMT, EMT-S, EMT-P
Credits:	2
Format:	1 Hour lecture, 1 Hour Driving Simulation

Objectives: At the conclusion of this CE session, participants will be able to:

Cognitive

1. Recognize the value of Driving Simulation.
2. Understand how to conduct a successful Driver Simulation Training.
3. Explain how Driver Simulation can be used as pass/fail test for driving clearance.
4. Explain how Driver Simulation can develop and enhance critical thinking & decision making skills.
5. Explain the correlation between Safe Emergency Driving & Critical thinking and decision making skills.

Psychomotor

1. Perform an actual Driver Simulation Training using the skills learned in this class.

Affective

None

Outline for Lecture Presentation:

1. Introductions and Course Overview
2. Driver Simulation Training presentation complete with power point presentations and discussions on, Critical thinking and Decision Making skills, and Safe emergency driving.
3. Each student will perform at least 4 simulated scenarios
4. Summary, Questions and Evaluations

Student Evaluation Method: No formal evaluation of participants will occur.

Evaluation of Presentation: Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.

Rationale for Presentation: Proper understanding of Driver simulation training and how to conduct viable driver simulation training, making it more than just a video game. It will show the participants how simulation training can foster and promote good driving and decision making skills.