

# OTEP plan 2019-2021

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Curriculum Coordinator



Monthly Recorded Sessions (3 hours of CME)

60 min Topic 1 presentation

60 min Topic 2 presentation

60 min certification exam with review (BLS and ALS tested separately)

Total available credit hours per year = **36 hours**

DATE	TOPIC	HOURS	PRESENTER
January, 2019	<b>Topic 1: Cardiac Arrest</b>	1.0	Lead / Guest
	<b>Topic 2: Post-resuscitation</b> Review current guidelines Pit Crew Recommendations TESTING: Online exam with incorrect answer review	1.0	Lead / Guest
February	<b>Topic 1: Sports Injuries</b>	1.0	Lead / Guest
	<b>Topic 2: Field Splinting</b> Common sprains/fractures/dislocations Management of sports-related injuries TESTING: Online exam with incorrect answer review	1.0	Lead / Guest
March	<b>Topic 1: Ambulance Safety</b>	1.0	Lead / Guest
	<b>Topic 2: Field Triage</b> National regulations Crew safety Field differentials and decision making TESTING: Online exam with incorrect answer review	1.0	Lead / Guest
April	<b>Topic 1: Pharmacology 101</b>	1.0	Lead / Guest
	<b>Topic 2: Street Drug Review</b> Common EMS medication review Review of common and new age illicit drug use TESTING: Online exam with incorrect answer review	1.0	Lead / Guest
May	<b>Topic 1: Trauma Triage</b>	1.0	Lead / Guest
	<b>Topic 2: Hemorrhage Control</b> Assessment of the trauma patient Discuss hemorrhage management TESTING: Online exam with incorrect answer review	1.0	Lead / Guest
June	<b>Topic 1: Seizures</b>	1.0	Lead / Guest
	<b>Topic 2: Seizure Management</b> Review epileptic and non-epileptic seizure activity Status epilepticus definition and management	1.0	Lead / Guest

Provide recommendations on managing the seizing patient  
 TESTING: Online exam with incorrect answer review

July	<b>Topic 1: Ventilation</b>	1.0	Lead / Guest
	<b>Topic 2: Airway Devices</b>	1.0	Lead / Guest
	Review proper bagging technique		
	Review current ventilation recommendations		
	Discuss invasive and non-invasive airway devices		
	TESTING: Online exam with incorrect answer review		
August	<b>Topic 1: Peds Cardiac Arrest</b>	1.0	Lead / Guest
	<b>Topic 2: Peds Cardiac Arrest</b>	1.0	Lead / Guest
	The common causes of pediatric cardiac arrest		
	Review current AHA and AAP guidelines		
	Field protocols and tips for running a pediatric code		
	Decompressing after stressful events		
	TESTING: Online exam with incorrect answer review		
September	<b>Topic 1: Thought Bias</b>	1.0	Lead / Guest
	<b>Topic 2: At-risk populations</b>	1.0	Lead / Guest
	Types of bias involved with patient care		
	Define and review at-risk populations		
	CDC recommendations for these populations		
	TESTING: Online exam with incorrect answer review		
October	<b>Topic 1: Special Needs</b>	1.0	Lead / Guest
	<b>Topic 2: Special Needs part II</b>	1.0	Lead / Guest
	Unique medical issue seen in special needs patients		
	TESTING: Online exam with incorrect answer review		
November	<b>Topic 1: Psychiatric disorders</b>	1.0	Lead / Guest
	<b>Topic 2: Restraints</b>	1.0	Lead / Guest
	Review psychiatric diagnoses and complications		
	When and how to use restraints		
	Protecting yourself and the patient		
	TESTING: Online exam with incorrect answer review		
December	<b>Topic 1: CNS Injuries</b>	1.0	Lead / Guest
	<b>Topic 2: Spinal Trauma</b>	1.0	Lead / Guest
	Head trauma and management		
	Mechanisms of spinal injury		
	Review current spine stabilization recommendations		
	TESTING: Online exam with incorrect answer review		
January, 2020	<b>Topic 1: OB emergencies</b>	1.0	Lead / Guest
	<b>Topic 2: Field Delivery</b>	1.0	Lead / Guest
	Review common OB complications and emergencies		
	Discuss management of the bleeding pregnant patient		
	Review prehospital childbirth/delivery and resuscitation		
	TESTING: Online exam with incorrect answer review		

February	<b>Topic 1: Infectious Disease</b>	1.0	Lead / Guest
	<b>Topic 2: Hygiene/Vaccines</b>	1.0	Lead / Guest
	Relay current CDC recommendations on infectious diseases		
	Discuss patient and work-place exposure risk		
	Post-exposure recommendations		
	Current vaccine recommendations for providers		
	TESTING: Online exam with incorrect answer review		
March	<b>Topic 1: Chest Trauma</b>	1.0	Lead / Guest
	<b>Topic 2: Abdominal Trauma</b>	1.0	Lead / Guest
	Review the anatomy and mechanism for chest trauma		
	Review the anatomy and mechanism for abdominal trauma		
	Management of chest and abdominal trauma		
	TESTING: Online exam with incorrect answer review		
April	<b>Topic 1: Stroke</b>	1.0	Lead / Guest
	<b>Topic 2: Stroke</b>	1.0	Lead / Guest
	Review central and peripheral neuroanatomy		
	Discuss signs of stroke		
	How to delineate stroke from stroke mimics		
	Discuss current stroke management recommendations		
	TESTING: Online exam with incorrect answer review		
May	<b>Topic 1: Shock</b>	1.0	Lead / Guest
	<b>Topic 2: Hypotension Mgmt</b>	1.0	Lead / Guest
	Contrast and compare historical definitions of shock		
	Assessing for shock and what signs/symptoms matter		
	Review the current recommendations on management		
	TESTING: Online exam with incorrect answer review		
June	<b>Topic 1: Toxicology</b>	1.0	Lead / Guest
	<b>Topic 2: Peds Arrest</b>	1.0	Lead / Guest
	Update on current trends in toxicology		
	Review historical toxicology syndromes		
	Common causes of pediatric arrest and initial management		
	TESTING: Online exam with incorrect answer review		
July	<b>Topic 1: Asthma/COPD</b>	1.0	Lead / Guest
	<b>Topic 2: Pulmonary Edema</b>	1.0	Lead / Guest
	Discuss and compare reactive airway disease and COPD		
	Discuss pulmonary edema and its causes		
	Review common respiratory distress triggers		
	Prehospital management of respiratory emergencies		
	TESTING: Online exam with incorrect answer review		
August	<b>Topic 1: Oxygenation/OSI</b>	1.0	Lead / Guest
	<b>Topic 2: Capnography</b>	1.0	Lead / Guest
	Current oxygenation trends and avoiding hyperoxia		
	Optimal sequent intubation steps and techniques		

Ventilator recommendations to avoid lung injury  
 Capnography waveforms and utilization  
 TESTING: Online exam with incorrect answer review

September	<b>Topic 1: HTN emergencies</b>	1.0	Lead / Guest
	<b>Topic 2: CHF</b>	1.0	Lead / Guest
	Define hypertension and hypertensive emergency The role of EMS in managing HTN emergency CHF causes and CHF exacerbation Management of the acute CHF exacerbation TESTING: Online exam with incorrect answer review		
October	<b>Topic 1: ACS</b>	1.0	Lead / Guest
	<b>Topic 2: ECG review</b>	1.0	Lead / Guest
	Define ACS and delineate stable from unstable angina Signs and symptoms of ACS Rhythms strip and 12-lead ECG review Current guidelines for field management of ACS TESTING: Online exam with incorrect answer review		
November	<b>Topic 1: Hypothermia</b>	1.0	Lead / Guest
	<b>Topic 2: AMS Mimics</b>	1.0	Lead / Guest
	Understand the physiology of hypothermia Review the risk factors for hypothermia Discuss signs and symptoms of the hypothermic patient Review and discuss mimics of altered mentation TESTING: Online exam with incorrect answer review		
December	<b>Topic 1: Evidence Based Guide.</b>	1.0	Lead / Guest
	<b>Topic 2: Research</b>	1.0	Lead / Guest
	What are evidence based guidelines? How do they relate to patient care? Discuss EMS and medical literature and basics for review What does it takes to start an EMS research project? Provide samples of more recent evidence based guidelines TESTING: Online exam with incorrect answer review		
January, 2021	<b>Topic 1: Culture of Safety</b>	1.0	Lead / Guest
	<b>Topic 2: Crew Resource Mgmt</b>	1.0	Lead / Guest
	Goals of establishing a culture of safety How to foster a culture in your agency Basics of CRM and how it relates to better patient care Review details of CRM and how it improves safety for all TESTING: Online exam with incorrect answer review		
February	<b>Topic 1: Medication Delivery</b>	1.0	Lead / Guest
	<b>Topic 2: Pain Management</b>	1.0	Lead / Guest
	Review available modalities of med delivery Tips for medication delivery Current trends in EMS pain management		

Meds and dosing for field management  
 TESTING: Online exam with incorrect answer review

March	<b>Topic 1: Opioids</b>	1.0	Lead / Guest
	<b>Topic 2: Opioid Crisis Update</b>	1.0	Lead / Guest
	Review available Rx and non-Rx opioids		
	Trends in addiction and prescribing		
	Address CDC data on opioid use/abuse		
	Pre-hospital assessment and management of pain		
	TESTING: Online exam with incorrect answer review		
April	<b>Topic 1: VAD</b>	1.0	Lead / Guest
	<b>Topic 2: Cardiac Arrest</b>	1.0	Lead / Guest
	Discuss physiology of severe heart failure		
	Review of ventricular assist devices		
	Discuss physics behind VADs		
	Review VAD patient normal and abnormal exam findings		
	How to manage the unstable VAD patient		
	TESTING: Online exam with incorrect answer review		
May	<b>Topic 1: Hyperthermia</b>	1.0	Lead / Guest
	<b>Topic 2: Allergy/Anaphylaxis</b>	1.0	Lead / Guest
	Review modes of heat transfer		
	Analyze the physiology of hyperthermia		
	Cooling management		
	Allergy/Anaphylaxis physiology and field management		
	TESTING: Online exam with incorrect answer review		
June	<b>Topic 1: Immunology</b>	1.0	Lead / Guest
	<b>Topic 2: Oncology</b>	1.0	Lead / Guest
	Anatomy and physiology of the human immune system		
	Review common immune disorders		
	The basics of oncology and cancer-related conditions		
	Things to consider when managing oncology patients		
	TESTING: Online exam with incorrect answer review		
July	<b>Topic 1: Altered Mental Status</b>	1.0	Lead / Guest
	<b>Topic 2: Combative Patients</b>	1.0	Lead / Guest
	Define the altered mental status patient		
	Review causes of AMS		
	Field assessment of the altered patient		
	Appropriate field management of altered and combative patients		
	TESTING: Online exam with incorrect answer review		
August	<b>Topic 1: Peds cardiac arrest</b>	1.0	Lead / Guest
	<b>Topic 2: Peds Transport</b>	1.0	Lead / Guest
	Review current pediatric cardiac arrest recommendations		
	EMS considerations on pediatric transport		
	Normal and abnormal pediatric vital signs		
	Basic pediatric assessment		

TESTING: Online exam with incorrect answer review

September	<b>Topic 1: Dialysis Patients</b>	1.0	Lead / Guest
	<b>Topic 2: Lines, Fistulas, &amp; Caths</b>	1.0	Lead / Guest
	The process and physiology of hemodialysis		
	Medical conditions that lead to hemodialysis		
	Complications seen in HD patients		
	Overview of indwelling lines (PICC, port) and fistulas		
	TESTING: Online exam with incorrect answer review		
October	<b>Topic 1: Endocrine Emergencies</b>	1.0	Lead / Guest
	<b>Topic 2: Diabetic Management</b>	1.0	Lead / Guest
	Discuss common endocrine disorders		
	Review endocrine emergencies outside diabetes		
	Diabetes physiology and home management review		
	Discussion and field management of diabetic emergencies		
	TESTING: Online exam with incorrect answer review		
November	<b>Topic 1: Chest Pain</b>	1.0	Lead / Guest
	<b>Topic 2: Abdominal Pain</b>	1.0	Lead / Guest
	Discussion of the chest pain patient		
	Review risk factors for cardiac and pulmonary emergencies		
	Discussion of the abdominal pain patient		
	Anatomy of the abdomen and differential diagnoses		
	Field assessment of chest pain and abdominal pain		
	TESTING: Online exam with incorrect answer review		
December	<b>Topic 1: Burns</b>	1.0	Lead / Guest
	<b>Topic 2: Fluid Resuscitation</b>	1.0	Lead / Guest
	Review of thermal injuries		
	Scoring burns and transport recommendations		
	Managing the acute thermal injury		
	Fluid resuscitation recommendations for all patients		
	TESTING: Online exam with incorrect answer review		