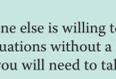
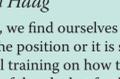




EMS University

MAY 5-7, 2022

COURSE DESCRIPTIONS



Thursday, May 5, 2022

Now You're a Company Officer. Leading from the right seat

Jason Haag

Often, we find ourselves in leadership positions in our agency out of necessity as no one else is willing to take the position or it is simply just "your turn." Unfortunately, we end up in these situations without a lot of formal training on how to be a leader of how to manage. We will discuss what steps you will need to take to be successful and what further training you should seek out to effectively lead your staff.

When a License Isn't Just a License

Heather Martin

Why is the Wyoming Driver's License so unique, anyway? Why did someone go through so much to make this happen? Why didn't we know about this? We will explore the progression of the Wyoming House Bill HB0191-19 and what it means to the Wyoming first responders and citizens alike.

Stop the Bleed

Angie Peters

Through our STOP THE BLEED course, you'll gain the ability to recognize life-threatening bleeding and intervene effectively. The person next to a bleeding victim may be the one who's most likely to save him or her. Take the course and become empowered to make a life or death difference when a bleeding emergency occurs.

Human Trafficking

Jennifer Jachimiec, RN

Description not available

OODA Loop

Brian Sharp

Critical thinking meets situational awareness – the OODA loop represents a decision-making process for dynamic situations that leads to action. OODA stands for: Observe, Orient, Decide, Act.

The OODA Loop was created by Air Force Retired Colonel John Boyd. Col Boyd taught these concepts to fighter pilots during Korea and Vietnam. The concepts have since migrated to strategic planning in the military, tactical response groups, and even into business. The concepts have also been studied by public safety entities (Fire, Law Enforcement, EMS, Emergency Management) and successfully implemented into the decision-making process for many agencies. The use of these concepts gave the American (and Allied Forces) a tactical edge during Desert Storm at the planning level. Many of the planners had been exposed to the concepts and during the dynamic engagement were able to quickly shift to meet the changes that occurred.

Documentation: A Reflection of Your Patient and You

Jason Haag

Documentation has always been one of the least favorite duties of EMS. The patient care report you write reflects your abilities as an EMS provider as well as the clinical presentation of your patient. This session will help improve how you document as a provider showing your skill set, the patient's condition and care you provided.

Trends in Narcotics

Alan Stuber

Description not available

Pediatric Respiratory Disease

Tyler Dickey, M.D.

Description not available

ACS/12 Lead for EMS

Dr. Dylan Luyten

Description not available

Patients of Different Strokes – TIAs, CVAs, and LVOs.

Not all strokes are the same.

Jason Haag

Your patient is exhibiting neurological distress. They're having a stroke. Simple, right? That could not be more wrong. Knowing how these different strokes present and methods for assessing for these differences will aid in determining the severity of the patient's condition, their treatment and what type of facility they should be transported to.

Crime Scene Preservation

Alan Stuber

Description not available

Street Drugs

Tyler Dickey, M.D.

Description not available

Respiratory 101 for EMS

Dr. Dylan Luyten

Description not available

Friday, May 6, 2022

Write Your Own Eulogy....What will you be remembered for?

Jason Haag

What kind of legacy are you leaving behind? Every person we encounter, be it a patient or coworker, will have an impression of us. Those whom we are mentoring or leading will have lasting impressions of us and what we do will help teach them. These impressions or lessons can be good or bad depending on what we do. Let's discuss how to leave positive lessons and impressions in our wake.

The SMELL, the LOOK, now TREAT it!!

Andrea Zickmund

Burn calls can be some of the worst calls an EMS provider can get. This presentation will review the burning process, the possible causes, and the specific treatments of burns including special populations. It will also discuss the difficult fears all FF/EMS professionals have of getting burned and the uphill battle of recovery and the inevitable question after recovery "Now what?"

Simulated Precipitate Delivery

Cassandra Hurley

1. Know what actions to take, and not take, when delivery is about to occur unexpectedly
2. Know how to assist the woman in achieving a safe delivery
3. Know what to do after the baby is born
4. Know what to do, and not do, for delivery of the placenta
5. Know how to recognize and respond to an abnormal third stage of labor

My Patient Has a What?! Of Huh?!

Jason Haag

Lab values are very useful to EMS providers when they are available. They are most often available on inter-facility transports. These values give us an internal glance at what is going on with our patient and can help direct our treatment for these patients. Knowing what these values mean and how our treatments can affect them will ultimately allow us to improve our patient's outcomes.

Pediatric Trauma

Dr. Karen Woolf

Description not available

Treat or Transport?

Dr. Deanna Lassegard

Get ready for the most exciting, glamorous EMS topic....NOT!!!! Non-transport and lift assists can seem mundane but they are very important opportunities to make contact in our community and make a difference.

That's a SHOCKER!!!!

Andrea Zickmund

Shock is a complex medical issue. It is not always obvious with lots of blood and guts. It comes in many different forms and can often be hidden, until it's too late to reverse it. Shock affects everyone differently from kids to the elderly and everyone in between. This presentation reviews ALL the different types of shock, the anatomy of physiology of shock.

Damage Control Resuscitation

Dr. William Selde

This presentation will focus on the concept of damage control resuscitation, it's evidence, and how it applies to EMS. We will review trauma specific resuscitation techniques and concepts and talk about how they are applicable in the pre-hospital environment. This will include both BLS and ALS interventions and concepts in the subject matter and content.

Pediatric Assessment

Jason Haag

Pediatrics represent just 10 percent of EMS call nationwide. This causes us to be uncomfortable with these patients and often afraid of these calls. A review of pediatric patients and tools for assessing them will allow the learner to put their mind at ease for their next pediatric patient. Participants will be more comfortable with assessing pediatric patients by having more knowledge about children and assessment techniques

Posterior Strokes for EMS

Dr. Jeff Wagner

Description not available

The WHY Behind the Patient, the Monitor

and YOUR Paramedic Partner Scrambling!

Andrea Zickmund

This class is designed for the EMT to gain a better understanding of what cardiac rhythms make their ALS partner start to scramble on a call, and the why behind it. It will review basic critical rhythms and what they do to the body and why.

Oxygen & Ventilation: it's more than just SPO₂

Dr. William Selde

This presentation will focus on oxygenation, ventilation and their interplay in patient care. We will review physiology and pathophysiology related to these two related but potentially exclusive components of breathing. The content will include both BLS and ALS interventions and concepts.

COVID, Protests and Riots – Lessons Learned in 2020-2021

Jason Haag

COVID, the civil unrest to name a few, has been a challenging year, and EMS was able to learn many lessons and identify areas we need to make better. We will discuss these challenges and review the lessons learned and areas we identify that need improvement.

Scene Leadership for Best Outcomes

Dr. Eric Hill

Description not available

CISM (Critical Incident Stress Management)

Cheryl King

Description not available

Saturday, May 7, 2022

PHTLS Light

Dr. Deanna Lassegard

An overview of all trauma fundamentals including updates on resuscitation techniques, discussion on withholding care and trauma activations and systems.

Oxygen with a side of PEEP!

Chad Oelke

Interactive presentation explaining how Positive End Expiratory Pressure (PEEP) can be administered, its risks, and benefits. Attendees will be able to see the effects of PEEP on swine lungs.

Decon Awareness

Angie Peters

The keystone to this course is recognition and identification of a developing hazmat incident. If we do not get this step right and quickly, we will start a series of events that will have an impact on the treatment of the individual involved, and create a negative impact on your coworkers and facility

Little Tykes are Not Little Adults!

Andrea Zickmund

Pediatric calls can make any one on EMS take a deep breath, but when that pediatric call is one involving a traumatic event, it can be downright nerve racking. This presentation will review the anatomy and injury patterns of the pediatric patient vs the adult patient, stressing that they ARE NOT LITTLE ADULTS! Hopefully with a better understanding of the pediatric anatomy and physiology, during a traumatic event, the next pediatric call will not cause as much anxiety!

Burns/Recon

Dr. Benson. Pulikkottil

Description not available

Ethics and Legal Concerns in EMS

Tracy Gale

1. What is a DNR?
2. Can the family void a DNR if they find their loved on gone?
3. How does a Power of Attorney work?
4. If you're driving down a dirt road at night and see a train coming, do you dim your lights?
5. Other ethical dilemmas in EMS

Simulated Precipitate Delivery

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Bizarre and Unusual Case Studies: You can't make this stuff up!

Andrea Zickmund

A review of bizarre case studies that the presenter has actually experienced that will bring to the light the importance of thinking outside of the box and not getting stuck in tunnel vision when dealing with complicated calls that are not textbook scenarios. This lecture will discuss the importance of patient assessment and prioritizing treatment plans when multiple medical and trauma issues exist together.

Medicine Gone Wild, Wilderness Medicine for today's providers

Dusty Downey

What the heck is wilderness medicine? We will be covering the differences between urban and wilderness medicine, and you can learn a few hands-on treatment techniques, and decision tools to use in the wilderness when there is no ambulance.

Bangs, Bleeds, and the Brain

Chris Beltz

Traumatic brain injury (TBI) continues to be a major cause of death and disability in the United States. For EMS personnel, treating patients with (TBIs) in the field is often times an intimidating, overwhelming, and frustrating experience. In this class, students will become familiar with the anatomy of the skull and brain, injury types and patterns, and pre-hospital treatments that will help them to provide care to their patients confidently and competently.

Industrial Accidents and Injuries

Nick Nolen

This topic will discuss BLS, ALS, and critical care treatment for traumatic injury / acute illness and evacuation / rescue considerations in austere and remote industrial settings.

I'm Old and Confused and I Don't Know Why

Andrea Zickmund

"Medic 3 you have an 80-year-old patient who is confused". Altered mental status of the elderly is a frequent type of call and easy to get tunnel vision on. This presentation will cover the numerous reasons the elderly population can be confused and give the EMS provider a new outlook on the geriatric AMS call and that it may not be just because they are old!

Getting High the Hard Way

Dusty Downey

Illness associated with altitude is collectively known as Altitude Illness. Learn the signs and symptoms of the mild and severe forms of Altitude Illness and how to treat your hypoxic patient with case studies and the most up to date treatments and prevention.