

Strategic Operations and Advancement Group

EMERGENCY MEDICAL RESPONDER (HYBRID)

Course Hours:	69 Total Hours: 3 Total days @ MSFA campus, 45 hours didactic
Course Length:	11 Weeks
Maximum Enrollment:	88
Course Fee:	\$100 * Textbook included / Emergency Medical Responder 7 th Edition
Deliveries:	Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.
Pre-requisite:	Have a current CPR-BLS for "Healthcare Provider" or equivalent credential.
Course Description:	The Emergency Medical Responder course prepares the student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles, and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the prehospital setting.
Testing:	Successful completion of this course requires maintaining a course average of 75 %, achieving a minimum score of 75% on the course final examination, and successfully demonstrating all required skills at 75% or greater.

EMERGENCY MEDICAL TECHNICIAN/BASIC (HYBRID)

Course Hours:	Didactic hours: 136 hours
Course Length:	16 Weeks: 12 weeks online, 4 weeks at MSFA (Mon, Tues, Wed, & Thursday)
Clinical hours:	EMT students are required to ride 60 hours at an approved EMS transport provider while obtaining at least Ten (10) patient care reports/ transports.
Maximum Enrollment:	20
Course Fee:	\$600 * Textbook included / Emergency Care and Transportation of the Sick and Injured 12 th Editio
Pre-requisite:	Documentation of all pre-requisites are required before week 1 class session. <ul style="list-style-type: none">• Proof of Background Check, drug screening, health insurance or worker's comp• Current CPR card• TB skin Test within 90 days of first clinical, Hepatitis-B vaccine started.• Other vaccinations requirements are dependent upon clinical site. (e.g., MMR, Varicella, Covid)
Course Description:	The Emergency Medical Technician (EMT) program at the Mississippi State Fire Academy provides entry-level training in emergency medical care, preparing students to respond to a wide range of medical and traumatic emergencies in the prehospital setting. This program is designed to meet National EMS Education Standards and the Mississippi State Department of Health, Bureau of EMS requirements for EMT certification. Students receive classroom instruction, Hands-on skills training, and field experience that emphasize patient assessment, airway management, trauma care, medical emergencies, and basic life support interventions. The program also prepares students to work effectively as a part of an EMS team, with a focus on professionalism, patient advocacy, and safety.
Testing:	Successful completion of this course requires an accumulative course average of 75 % for all chapter test to qualify to take the FISDAP Final Exam. The student will be given 2 attempts on the FISDAP exam to earn a

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minimum 65% score. The student also must successfully complete all required NREMT-Basic psychomotor skill competencies and documented required clinical hours prior to graduating. All students meeting these criteria will then be considered Eligible to take the NREMT cognitive exam.

EMERGENCY MEDICAL TECHNICIAN/ADVANCED (HYBRID)

Course Hours:	Total of 456 online, classroom/lecture hours
Course Length:	13 Weeks Total: 5 Weeks online, 8 weeks at MSFA (Mon, Tues, Wed, & Thursday)
Clinical hours:	48 hours emergency room. 24-hour field clinical rides at a transporting agency.
Max Enrollment:	16 Students
Course Fee:	\$900
Course Textbook:	* Textbook Included / Advanced Emergency Care and Transportation of the Sick and Injured 3 rd Edition
Pre-requisite:	Documentation of all pre-requisites are required by end of class session on May 23, 2024 <ul style="list-style-type: none">• Proof of Background Check, drug screening, health insurance and worker's comp• Current CPR card• TB skin Test within 90 days of first clinical, Hepatitis-B vaccine started.• Other vaccinations requirements are dependent upon clinical site. (e.g., MMR, Varicella, Covid)
Course Description:	This program is for firefighter EMT/ B that desires to provide basic and limited advanced emergency medical care and transportation for patients who access the emergency medical system. Advanced Emergency Medical Technicians function as part of a comprehensive EMS response and possess the training and skills to perform life-saving interventions. The MSFA's Advanced EMT (AEMT) program is designed to prepare the student for the National Registry of Emergency Medical Technician's Advanced EMT Exam.
Testing:	Successful completion of this course requires maintaining a course average of 75 % for all chapter test to qualify to take the Fisdap Final Exam. The student will be given 2 attempts on the Fisdap exam to earn a minimum 70% score. The student also must successfully complete all required NREMT-Advanced psychomotor skill competencies and documented required clinical hours prior to graduating. All students meeting these criteria will then be considered Eligible to take the NREMT cognitive exam.

EMS FIELD CLASSES: EMR/ EMT-B/EMT-ADVANCED

Course Hours:	EMR: 69	EMT-136	AEMT- 200
Course Fee:	\$0		
Minimum Enrollment:	6		
Deliveries:	Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.		
Course Description:	The Field Delivery EMR/ EMT-B/ AEMT Classes are designed to allow fire departments to deliver the courses in a format like the on-campus classes here at the Mississippi State Fire Academy. Each module consists of chapters that will be independently tested in a written format. Psychomotor skills will be administered by the AHJ after successful completion of the written examination. Textbooks are to be provided by the host department.		
Textbooks:	EMR Textbook = / Emergency Medical Responder 7 th Edition EMT-Basic = Emergency Care and Transportation of the Sick and Injured 12 th Edition EMT-Advanced = Advanced Emergency Care and Transportation of the Sick and Injured 3 rd Edition		

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Testing: All Testing is conducted through the Mississippi State Fire Academy. Successful completion of these courses will mirror that of an on-campus (Hybrid) class.

EMS REFRESHERS

Course Hours: 18/27/36
Course Fee: \$36.00
Course Textbook: None
Max Enrollment: 50
Field Delivery: Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.

Course Description: The National Continued Competency Program (NCCP) was constructed using methodology similar to that of the American Board of Medical Specialties requirements and streamlines the national recertification process into three strategic categories of continuing education: National, Local, and Individual.

Testing: This course is designed to take the EMR, EMT-B, EMT-A, and EMT-P through 2-4 days of national, state, and local continuing education hours in required topics for recertification. The recertifying student will still be required to obtain any other individual topics or other required classes by NREMT to maintain their "current" status.

ADVANCED CARDIAC LIFE SUPPORT (ACLS) - INSTRUCTOR

Course Hours: 8 hours
Course Length: 1 Day
Max Enrollment: 20
Course Fee: \$35
Pre-requisite: The instructor candidate must hold a current AHA ACLS certification through AHA, be proficient in all skills, and must be a licensed or certified healthcare professional with ACLS skills in their scope of practice (examples include paramedic, MD, RN, NP, PA).

Course Description: The course educates participants on how to adequately use instructor teaching materials, ensure that students meet learning objectives, offer student coaching skills, provide an objective skills performance evaluation, and understand AHA instructor policies to effectively train others in ACLS. Attendees will be required to purchase an ACLS instructor package. This package contains an ACLS instructor manual, ACLS provider manual, and ACLS instructional DVD set, ACLS poster set, and ACLS crash cart card set. This is available through AHA website upon course completion.

Testing: Successful Instructor candidates must pass a multiple-choice exam with a minimum score of 84% and demonstrate proficiency in all skills.

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ADVANCED CARDIAC LIFE SUPPORT – ACLS PROVIDER COURSE

Course Hours:	ACLS Renewal Course takes approximately 15 hours and 25 minutes with breaks.
Course Length:	2 Days
Max Enrollment:	20
Course Fee:	\$10
Deliveries:	Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.
Course Description:	For healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies and for personnel in emergency response. For those who are proficient in performing BLS and ACLS skills, reading and interpreting ECGs, understanding ACLS pharmacology; and who regularly lead or participate in emergency assessment and treatment of pre-arrest, arrest, or post-arrest patients.
Testing:	To enter the course, students must complete the ACLS Pre-Course Self-Assessment. Successful completion of the exam with a minimum score of 84% prior to class with printed copy of Test scores.
Completion:	ACLS provider card awarded and valid for two years.

BASIC LIFE SUPPORT (BLS) FOR HEALTHCARE PROVIDERS- INSTRUCTOR

Course Hours:	8 hours
Course Length:	1 Day
Max Enrollment:	20
Course Fee:	\$35
Pre-requisite:	The instructor candidate must hold a current AHA BLS certification and be proficient in all skills.
Course Description:	<p>The course educates participants on how to adequately use instructor teaching materials, ensure that students meet learning objectives, offer student coaching skills, provide an objective skills performance evaluation, and understand AHA instructor policies to effectively train others in BLS.</p> <p>Testing: Successful Instructor candidates must pass a multiple-choice exam with a minimum score of 84% and demonstrate proficiency in all skills. Attendees will be required to purchase a BLS instructor package. This package contains an ACLS instructor manual, BLS provider manual, and BLS instructional DVD set, BLS poster set, and BLS crash cart card set. This is available through AHA website upon course completion.</p>

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BASIC LIFE SUPPORT (BLS) FOR HEALTHCARE PROVIDERS

Course Hours:	BLS renewal course takes approximately 4 hours to complete, including skills practice and testing.
Completion:	BLS completion card awarded and valid for two years.
Max Enrollment:	20
Course Fee:	\$10
Deliveries:	Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.

Course Description:	The American Heart Association's BLS course trains participants to promptly recognize several life-threatening emergencies, give high-quality chest compressions, deliver appropriate ventilations and provide early use of an AED. BLS is geared towards prehospital providers, including EMTs, paramedics, fire fighters, and in-facility hospital providers.
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PEDIATRIC ADVANCED LIFE SUPPORT (PALS)- INSTRUCTOR

Course Hours:	8 hours
Course Length:	1 Day
Max Enrollment:	20
Course Fee:	\$35
Pre-requisite:	The instructor candidate must hold a current AHA PALS certification through AHA, be proficient in all skills, and must be a licensed or certified healthcare professional with ACLS skills in their scope of practice (examples include paramedic, MD, RN, NP, PA).

Course Description:	The course educates participants on how to adequately use instructor teaching materials, ensure that students meet learning objectives, offer student coaching skills, provide an objective skills performance evaluation, and understand AHA instructor policies to effectively train others in ACLS. Attendees will be required to purchase a PALS instructor package. This package contains a PALS instructor manual, PALS provider manual, and PALS instructional DVD set, PALS poster set, and PALS crash cart card set. This is available through AHA website upon course completion.
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Testing:	Successful Instructor candidates must pass a multiple-choice exam with a minimum score of 84% and demonstrate proficiency in all skills.
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PEDIATRIC ADVANCED LIFE SUPPORT (PROVIDER COURSE)

Course Hours: 14 hours
Course Length: 2 Days
Max Enrollment: 20
Course Fee: \$10
Deliveries: Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.

Course Description: The goal of the PALS Course is to improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes. To enter the course, students must complete the PALS Pre-course Self-Assessment. Throughout the course, students are presented with 12 In-hospital pediatric patient cases and a team dynamics lesson.

Testing: To enter the course, students must complete the PALS Pre-Course Self-Assessment. Successful completion of the exam with a minimum score of 84% prior to class with printed copy of Test scores.

TACTICAL COMBAT CASUALTY CARE (TCCC)

Course Hours: 16-hours of classroom course for military medical personnel including medics, corpsmen, and pararescue personnel deploying in support of combat operations.

Max Enrollment: 20
Course Fee: \$50

Deliveries: Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.

Course Description: Tactical Combat Casualty Care (TCCC) is created by the U.S. Department of Defense Committee on TCCC (Co-TCCC) to teach evidence-based, life-saving techniques and strategies for providing the best trauma care on the battlefield. NAEMT conducts TCCC courses as specified by the Co-TCCC's guidelines and curriculum.

Testing: Pre-test and Post-test

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TACTICAL EMERGENCY CASUALTY CARE (TECC)

Course Hours: 16-hour classroom course
Max Enrollment: 20
Course Fee: \$50
Course Textbook: * Textbook Included / Tactical Emergency Casualty Care 2nd Edition

Course Description: The second edition of NAEMT's Tactical Emergency Casualty Care (TECC) course teaches EMS practitioners, law enforcement officers, and other prehospital providers how to respond to and care for patients in a civilian tactical environment. The course covers the following topics: Hemorrhage control (with immediate action drills for tourniquet application throughout the course), complete coverage of the MARCH assessment, surgical airway control, needle decompression, strategies for treating wounded responders in threatening environments, caring for pediatric patients, and techniques for dragging and carrying victims to safety. The course concludes with a written final exam and a mass-casualty/active shooter event simulation.

Testing: Post-test

TECC FOR LAW ENFORCEMENT OFFICERS (TECC-LEO)

Course Hours: 8-hour classroom course
Max Enrollment: 20
Course Fee: \$25
Deliveries: Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.

Course Description: An 8-hour classroom course specifically designed for law enforcement officers and other non-EMS first responders. The course covers materials found in the 16-hour TECC provider course at a level appropriate for first responders. It includes 8 hours of content, which includes interactive lectures, skills stations, and patient simulations. Upon successful completion of the course, students receive a certificate of completion, a wallet card recognizing them as a TECC-LEO provider for 4 years, and 8 hours of CAPCE credit for qualified participants.

Testing: Post-test

FIRST ON THE SCENE

Course Hours: 4-hour classroom course

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Max Enrollment: 20
Deliveries: Online Course Request forms can be obtained through the MSFA ACADIS system. These forms will need to be completed and submitted to the academy for course approval. Classes will be conducted at the host Fire Departments training center or designated facility.

Course Description: First on the Scene (FOTS), developed by NAEMT and the International Association of Fire Chiefs (IAFC), provides instructors with a toolkit to teach the general public basic emergency response to life-threatening emergencies until EMS arrives on the scene. Through lesson presentations and hands-on skill stations, participants will learn how to access help in the event of a life-threatening emergency and what to do until EMS arrives.

This course covers:

- Activating the 911 system
- Hands-only CPR and AED
- Administering naloxone
- Administering epinephrine
- Responding to life-threatening bleeding
- Penetrating chest trauma
- Moving patients to safety
- Positioning injured patients.

EMERGENCY RESPONSE TO CO2 PIPELINES

Course Hours: 8 hours
Course Length: 1 Day
Max Enrollment: 40
Course Fee: \$0

Pre-requisite: None

Course Description: The CO2 Pipeline Emergency Response Training at the Mississippi State Fire Academy provides firefighters, emergency responders, and public safety officials with the knowledge and skills to safely and effectively respond to incidents involving carbon dioxide pipelines.

Participants will learn the unique hazards of CO2 in both gaseous and supercritical states, recognition of release indicators, scene size-up, air monitoring strategies, and tactical considerations for life safety, incident stabilization, and environmental protection.

This program emphasizes coordination with pipeline operators, the Incident Command System (ICS), and community emergency plans to ensure a unified and efficient response. Through classroom instruction, case studies, and scenario-based exercises, students will develop practical strategies for managing CO2 release incidents in both rural and urban environments.

This course is sponsored by a generous ExxonMobil Good Neighbor Grant, reflecting ExxonMobil's commitment to enhancing community safety and supporting first responder readiness across Mississippi.

Other: Full PPE including SCBA. For students unable to bring an SCBA, one will be provided.

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