

# Special Operations Group

## HAZARDOUS MATERIALS AWARENESS AND OPERATIONS

**Meets or exceeds NFPA 470-This Course Is Accredited by IFSAC and PROBOARD**

Course Hours:	80
Maximum Enrollment:	35
Course Fee:	This course is funded through the Federal Dept of Transportation, Hazardous Materials Emergency Preparedness Grant
Dates of Delivery:	2026
Course Description:	This introductory course is designed to address the knowledge and skills of Hazardous Materials Awareness & Operations of the NFPA 470 Hazardous Materials / Weapons of Mass Destruction (WMD) Standard for Responders. This course is designed to equip responders with the necessary knowledge, skills, and abilities to handle hazardous materials incidents at the Awareness and Operation levels. The course covers defensive response actions for hazardous materials incidents, including analyzing, planning, and implementing response actions. Skills Learned include identifying hazardous materials and their properties, planning and responding to hazardous materials incidents, using personal protective equipment, performing decontamination, and various product control techniques. The course will be offered in a hybrid format over three weeks. The first two weeks will be conducted online through the MSFA Learning Management System (LMS) as a self-study module. The final and third week will take place on campus at the MSFA, featuring in-person training and testing.
Prerequisite:	None
Current Textbook:	Jones and Bartlett, Hazardous Materials, Awareness and Operations, Fourth Edition
Testing:	Testing will consist of written and skills evaluations.
Other:	Students are required to attend a video conference orientation.

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## HAZARDOUS MATERIALS TECHNICIAN LEVEL 1

**Meets or exceeds NFPA 470-This Course Is Accredited by IFSAC and PROBOARD**

Course Hours:	80
Maximum Enrollment:	25
Course Fee:	This course is funded through the Federal Dept of Transportation Hazardous Materials Emergency Preparedness Grant
Dates of Delivery:	2026
Course Description:	<p>This intermediate course is designed to address the knowledge and skills of Hazardous Materials Technicians of the NFPA 470 Hazardous Materials / Weapons of Mass Destruction (WMD) Standard for Responders. This course is designed to equip responders with the necessary knowledge, skills, and abilities to handle hazardous materials incidents at the Technician level. This course will build upon the information established in Hazardous Materials Awareness and Operations. Topics covered include review of hazardous materials competencies, scene management, chemical and physical properties, chemistry and hazards, exposure assessment and toxicology, hazard and response information, detection and monitoring, personal protective equipment, technical decontamination, container identification, product control and demobilization, and termination.</p> <p>The course will be offered in a hybrid format over three weeks. The first two weeks will be conducted online through the MSFA Learning Management System (LMS) as a self-study module. The final and third week will take place on campus at the MSFA, featuring in-person training and testing.</p>
Prerequisite:	Hazardous Materials: Awareness and Operations
Current Textbook:	Jones and Bartlett, Hazardous Materials, Managing the Incident, Fifth Edition
Testing:	Testing will consist of written and skills evaluations.
Other:	Students are required to attend a video conference orientation.

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## HAZARDOUS MATERIALS TECHNICIAN LEVEL 2

Course Hours:	45
Maximum Enrollment:	20
Course Fee:	This course is funded through the Federal Dept of Transportation, Hazardous Materials Emergency Preparedness Grant
Date of Delivery:	2026
Course Description:	This intermediate-level course builds upon the information established in the Hazardous Materials Technician-I course. Information will be provided in areas such as monitoring devices, railroad tank car, and highway tanker, valving arrangements, and nomenclature. A variety of scenarios will be demonstrated, using small teams, to reinforce subjects presented in the classroom. The course is intended to allow for more hands-on and scenario-based training for hazmat students.
Prerequisite:	Hazardous Materials Technician Level 1
Testing:	Testing will consist of written and skills evaluations.

## HAZARDOUS MATERIALS INCIDENT COMMAND

### **Meets or exceeds NFPA 470-This Course Is Accredited by IFSAC and PROBOARD**

Course Hours:	45
Maximum Enrollment:	20
Course Fee:	This course is funded through the Federal Dept of Transportation, Hazardous Materials Emergency Preparedness Grant
Dates of Delivery:	2026
Course Description:	This intermediate course is designed to address the knowledge and skills of Hazardous Materials Incident Commanders in the NFPA 470 Hazardous Materials / Weapons of Mass Destruction (WMD) Standard for Responders. The primary focus for this course is to emphasize the importance of command and control at incidents involving Hazardous Materials. This course will require participants to manage and lead incidents involving actual hazardous material technicians mitigating emergencies. Participants will be required to complete all necessary NIMS/ICS documents, produce Incident Action Plans (IAP's), develop specific Site Safety Plans, conduct safety briefings, lead criminal investigations, as well as any forms and documents related to criminal or terrorist investigations, incident briefs, and other tasks associated with actual hands-on scenario-based activities. This course will be lectures and interactive with students in hands-on scenarios. The in-depth planning and decision-making processes involved in this course will prepare the participants for managing and documenting responses to real-world emergencies involving hazardous materials.
Prerequisite:	Hazardous Materials Technician Level I, & ICS 100, 200, 300, 700
Testing:	Testing will consist of written and skills evaluations.

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## CHEMISTRY OF HAZARDOUS MATERIALS

Course Hours: 80  
Maximum Enrollment: 20  
Course Fee: This course is funded through the National Fire Academy  
Dates of Delivery: 2026

**Course Description:** This course is designed to prepare responders, planners, and allied professionals with the knowledge and skills needed to analyze hazardous materials/weapons of mass destruction (WMD) incidents using the risk-based response (RBR) process that utilizes facts, science, and circumstances. Primarily focused on the product involved, this analysis will also incorporate information concerning the container, environment, and cause. This course supports response personnel and allied professionals seeking specialized training in advanced chemical risk assessment and analysis. The student will be able to effectively communicate the hazards and associated harm identified in a timely and concise manner to make recommendations concerning control zones, personal protective equipment (PPE), and decontamination methods to develop a safer RBR. Through an interactive, student-centered approach, students will conduct a product hazard analysis and create communication strategies by:

- Conducting an initial product hazard analysis for multiple products using limited information
- Using the periodic table to identify the general hazards associated with a material for developing an initial product hazard analysis.
- Conducting briefings based on their hazard analysis for hazardous materials/WMD incidents.
- Analyzing the characteristics of molecular size, polarity, and shape, and how these affect the physical and chemical properties of a material.
- Conducting a product hazard analysis to support an RBR process in a hazard situation.

**Prerequisite:** Complete pre-course studies: Foundational Concepts of Chemistry (Q228), NFA online course.

**Testing:** TO RECEIVE A CERTIFICATE: Students must achieve a 70% or higher on the cognitive exam, as well as the practical skills tests.

**Other:** Course Materials Provided at the beginning of class.

## ROPE RESCUE AWARENESS AND OPERATIONS

**Meets or exceeds NFPA 1006-This Course Is Accredited by IFSAC and PROBOARD**

Course Hours: 40  
Maximum Enrollment: 20  
Course Fee: \$250.00

Dates of Delivery: 2026

**Course Description:** This introductory course is designed to address the knowledge and skills of Rope Awareness & Operations of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. Topics include information on

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ropes, knots, anchoring, simple & compound mechanical advantage systems, high-angle haul systems, high-angle lowering, belaying a falling load, high-angle rappelling, and vertical ascending.

Prerequisite: None

Current Textbook: Mississippi State Fire Academy Rope Rescue Manual, Rope Rescue, Awareness, Operations & Technician

Testing: Testing will consist of written and skills evaluations.

Other: Students must have the lead instructor's permission to use personal or department-issued rescue equipment during the course. Equipment must pass an inspection and meet relevant standards. Short pants will not be allowed, and hard-soled boots are mandatory during field activities.

## ROPE RESCUE TECHNICIAN

**Meets or exceeds NFPA 1041-This Course Is Accredited by IFSAC and PROBOARD**

Course Hours: 40  
Maximum Enrollment: 20  
Course Fee: \$250.00

Dates of Delivery: 2026

Course Description: This advanced course is designed to address the knowledge and skills of Rope Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. This course builds on the fundamentals covered in Rope Rescue Awareness & Operations, introducing students to advanced high-angle rescue techniques. The curriculum includes horizontal rope systems, climbing elevated structures, rescue from elevated structures, and litter tending.

NOTE: Students must pass the entrance skills on the first day to continue in the course.

Skills include knots, anchors, & simple mechanical advantages.

- TIE: Figure Eight on a Bite, Double Loop Figure Eight, Clove Hitch, Bowline, Prusik Hitch, Munter Hitch w/Tie-Off, Square Knot, Double Fisherman's Knot, Water Knot in Webbing
- TIE/ANCHOR: Tensionless Anchor, Wrap-3 Pull 2 Anchor
- RIG/OPERATE: 3:1 Z-Rig, 3:1, & 4:1 Block & Tackle Mechanical Advantage Systems.

Prerequisite: Rope Rescue Awareness and Operations

Current Textbook: Mississippi State Fire Academy Rope Rescue Manual, Rope Rescue, Awareness, Operations & Technician

Testing: Testing will consist of written and skills evaluations.

Other: Students must have the lead instructor's permission to use personal or department-issued rescue equipment during the course. Equipment must pass an inspection and meet relevant standards. Short pants will not be allowed, and hard-soled boots are mandatory during field activities.

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Students should review and bring information acquired during Rope Rescue Awareness & Operations and prepare for the pre-entry exam.

Students shall bring an ANSI Type 1 rescue helmet and gloves to class.

## CONFINED SPACE RESCUE TECHNICIAN

**Meets or exceeds NFPA 1006- This Course Is Accredited by IFSAC and PROBOARD**

Course Hours: 40  
Maximum Enrollment: 20  
Course Fee: Grant Funded

Dates of Delivery: 2026

**Course Description:** This intermediate course is designed to address the knowledge and skills of Confined Space Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. This course addresses the OSHA requirement for entry and rescue in Permit Required Confined Spaces. The course is designed to equip rescue personnel with the skills needed to effectively respond to confined space emergencies. Participants will enhance their skills by building upon the foundational skills acquired in Rope Rescue and Hazardous Materials Technician training. The course covers topics such as incident management, hazard control, air monitoring, ventilation, and entry and rescues from confined spaces with simulated hazards.

**NOTE:** Students must pass the entrance skills on the first day to continue in the course.

Skills include knots, anchors, & simple mechanical advantages.

- TIE: Figure Eight on a Bite, Double Loop Figure Eight, Clove Hitch, Bowline, Prusik Hitch, Munter Hitch w/Tie-Off, Square Knot, Double Fisherman's Knot, Water Knot in Webbing
- TIE/ANCHOR: Tensionless Anchor, Wrap-3 Pull 2 Anchor
- RIG/OPERATE: 3:1 Z-Rig, 3:1, & 4:1 Block & Tackle Mechanical Advantage Systems.

**Prerequisites:** Rope Rescue Awareness and Operations, Hazardous Materials Technician I

**Current Textbook:** Confined Space Rescue Technician Manual by CMC Rescue, Inc., Revised Second Edition

**Testing:** Testing will consist of written and skills evaluations.

**Other:** Students must have the lead instructor's permission to use personal or department-issued rescue equipment during the course. Equipment must pass an inspection and meet relevant standards. Short pants will not be allowed, and hard-soled boots are mandatory during field activities. Students should review and bring information acquired during Rope Rescue Awareness & Operations, Hazardous Materials Technician, and prepare for the pre-entry exam.

Students shall bring an ANSI Type 1 rescue helmet and gloves to class. Students should bring hands-free lighting and knee/elbow pads at their discretion.

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## TRENCH RESCUE TECHNICIAN

**Meets or exceeds NFPA 1006- This Course Is Accredited by IFSAC and PROBOARD**

Course Hours: 40  
Maximum Enrollment: 24  
Course Fee: \$250.00

Dates of Delivery: 2026

Course Description: This intermediate course is designed to address the knowledge and skills of Trench Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. This course is designed to help rescuers develop the knowledge and skills necessary to conduct basic to intermediate trench rescues. The curriculum includes trench hazard assessment, emergency shoring, shoring straight trenches up to 8', intersecting trenches, the use of supplemental shoring for deep trenches, patient packaging, and trench rescue systems.

Prerequisites: Confined Space Rescue Technician

Current Textbook: Jones and Bartlett, Trench Rescue, Principles and Practice to NFPA 1006 and 1670, Fourth Edition

Testing: Testing will consist of written and skills evaluations.

Other: Students shall bring an ANSI Type 1 rescue helmet and gloves to class. Long pants, gloves, and protective-toed boots are mandatory during field activities. Students should bring eye protection, ear protection, and a water bottle.

## FIREFIGHTER INTERVENTION RESCUE SURVIVAL TECHNIQUES (FIRST)

Course Hours: 40  
Maximum Enrollment: 24  
Course Fee: \$250.00

Dates of Delivery: 2026

Course Description: This course is designed to train firefighters in rapid intervention operations and survival techniques. The course will consist of both classroom and practical settings. Firefighters will train in personal escape procedures, rescue of downed firefighter(s), entanglement, advanced search, sub-floor rescues, SCBA use, safety, NFPA 1407 Standard for Rapid Intervention Crews, and much more. The course is for all firefighters, although it is a physically demanding course due to the time and events using full firefighter protective equipment.

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Prerequisites:	Rope Rescue Awareness and Operations (New 2026 Requirement)
Testing:	No written and/or skills examinations administered.
Other:	STUDENTS ARE REQUIRED: Students are required to have full personal protective clothing that meets NFPA 1971. Students should also have SCBA, which meets NFPA 1981 standards. SCBA availability will be limited to out-of-state students.

## MACHINERY RESCUE TECHNICIAN

Course Hours:	30
Maximum Enrollment:	20
Course Fee:	\$250
Dates of Delivery:	2026
Course Description:	This intermediate course is designed to address the knowledge and skills of Machinery Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. This course is designed to help rescuers develop the knowledge and skills necessary to conduct basic to intermediate machinery extrications and rescues. The curriculum includes rescue from auger entrapment, machine presses, impalements, ring removal, lifting and moving, cutting/burning, elevator rescue, and more.
Prerequisites:	Vehicle Extrication & Rescue Technician
Current Textbook:	Course Materials Provided at the beginning of class.
Testing:	Testing will consist of written and skills evaluations.
Other:	Students shall bring an ANSI Type 1 rescue helmet and gloves to class. Long pants, gloves, and protective-toed boots are mandatory during field activities. Students should bring eye protection, ear protection, and a water bottle. Wildland coveralls or vehicle extrication gear are recommended for this course.

## VEHICLE EXTRICATION AND RESCUE TECHNICIAN

**Meets or exceeds NFPA 1006- This Course Is Accredited by IFSAC and PROBOARD**

Course Hours:	48
Maximum Enrollment:	24
Course Fee:	\$250
Dates of Delivery:	Upon Request

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Course Description:	This intermediate course is designed to address the knowledge and skills of both Common Passenger Vehicle Rescue Technician and Heavy Vehicle Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. Topics covered include conventional hydraulic extrication, buttress stabilization systems, hand tool extrication techniques, stabilizing, lifting, bus extrication, and medical considerations.
Prerequisites:	Confined Space Rescue Technician
Current Textbook:	Jones and Bartlett, Vehicle Extrication, Levels I & II: Principles and Practice
Testing:	Testing will consist of written and skills evaluations.
Other:	REQUIRED PPE: NFPA-compliant full turnout gear or extrication suit (fire retardant jumpsuit), ANSI Type 1 rescue helmet or firefighting helmet, work gloves, steel-toed boots, and OSHA-approved safety glasses. Students will not be allowed to participate in training without all safety equipment.

## SMOKE DIVER

Course Hours:	40
Maximum Enrollment:	30
Course Fee:	\$450.00

Dates of Delivery: 2026

**Course Description:** This advanced firefighter course is physically demanding, focusing on fire suppression and structure fire rescue. It provides realistic fireground conditions, requiring students to work as a team and understand the limitations of equipment and physical conditioning. The primary emphasis is on personal firefighter safety while functioning as a team member, exposing students to a variety of realistic scenarios. The course covers: limitations of firefighter personal protective equipment, navigation in zero visibility fire structures, interior fire attack tactics, structure fire rescue techniques, tactics for flammable liquid and gas scenarios, and rappelling with firefighter protective equipment.

**Prerequisites:** Firefighter I-II or Volunteer Certification Level I

**Other:** Students are required to have the Mississippi State Fire Academy Physical Examination Form completed and signed by a Medical Doctor or Doctor of Osteopathy per the NFPA 1582 4.1.4. (Form can be found on the Academy website.) Will be valid for one year from the date signed by a Medical Doctor or Doctor of Osteopathy.

Students are required to have full personal protective clothing that meets NFPA 1971 and an SCBA and a spare cylinder meeting the NFPA 1981 standard.

Students who withdraw from the course must complete another Smoke Diver course in its entirety to receive certification. The Academy does not furnish student SCBA for this course.

PHYSICAL AGILITY TEST- is required and will be administered as the first training activity. Students who fail the physical agility test will not be allowed to continue the course.

- Mile and one-half run under 12 minutes.
- Forty-five (45) bent knee sit-ups under 2 minutes.
- Twenty-five (25) push-ups under 2 minutes without returning to the beginning rest position.
- Seven (7) pull-ups (starting position is palms away,

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- Carry two sections of 2½" hose in a self-locking doughnut roll up and back down four flights of stairs without stopping or falling.

The entity will be billed for the entire course fee for registered students who fail to report for class, those who fail the physical agility assessment, or withdraw during the course.

## SURFACE AND SWIFTWATER RESCUE TECHNICIAN

Course Hours: 60

Maximum Enrollment: 20

Course Fee: \$250.00

Date of Delivery: 2026

Course Description: This course is designed to address the knowledge and skills of both Surface Water Rescue Technician and Swiftwater Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. Topics covered include rescue techniques of Reach-Throw-Row/Go. Students will learn skills and gain confidence in still water, flood water, and swiftwater environments. Areas covered will include rescue swimming, boat operations, and advanced rope rescue applications in a water environment.

NOTE: Students must pass the entrance skills on the first day to continue in the course.

Skills include IADRS watermanship test, knots, anchors, & simple mechanical advantages.

- IADRS ANNUAL WATERMANSHIP TEST: 500 Yard Swim, 15 Minute Tread, 800 Yard Snorkel Swim, 100 Yard Inert Rescue Tow, Free Dive for 20lb Weight.
- TIE: Figure Eight on a Bite, Double Loop Figure Eight, Clove Hitch, Bowline, Prusik Hitch, Munter Hitch w/Tie-Off, Square Knot, Double Fisherman's Knot, Water Knot in Webbing
- TIE/ANCHOR: Tensionless Anchor, Wrap-3 Pull 2 Anchor
- RIG/OPERATE: 3:1 Z-Rig Mechanical Advantage System

Prerequisite: Rope Rescue Technician

Current Textbook: Swiftwater Rescue by Slim Ray, A Manual for the Rescue Professional

Testing: TO RECEIVE A CERTIFICATE: Students must achieve a 70% or higher on exams at Awareness, Operations and Technician levels as well as practical skills tests.

Other: REQUIRED PPE:

Water Rescue Helmet & PFD, Wet Suit and/or Dry Suit, Water Rescue Boots, Whistle and Gloves, Knife, Mask & Snorkel, Swim Fins (short).

RECOMMENDED EQUIPMENT: Water Rescue Throw Bag & Rope, Strobe/Chem Light, Sunscreen, Water Bottle.

\*Students/Sponsoring Departments are responsible for off-campus lodging and meals at the offsite location.

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## TOWER RESCUE TECHNICIAN

Course Hours: 40  
Maximum Enrollment: 12  
Course Fee: \$250.00

Date of Delivery: 2026

**Course Description:** This advanced course is designed to address the knowledge and skills of Tower Rescue Technician of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. Students will build upon skills learned in their previous courses and work to solve complex problems in small teams at height. Topics include controlling hazardous energy and monitoring for radio frequency (RF) radiation. The rescue topics in the course include basic-intermediate rope access, climbing elevated structures, the use of lanyards and back-up devices, raises and lowers, pick-offs, and multi-pitch tower rescue. Topics in this course can be applied to any elevated structures, from communications towers to billboards to industrial facilities.

NOTE: Students must pass the entrance skills on the first day to continue in the course.

Skills include ascending and descending rope, knots, anchors, & simple mechanical advantages.

- **ASCENDING:** Ascend 30' on a conventional sit-stand / rope access ascending system. Demonstrate the ability to down-climb 10'. Change over to a descent on an approved auto-locking descender. Rappel to the ground. Complete in under 8 minutes. Two attempts allowed.
- **TIE:** Figure Eight on a Bite, Double Loop Figure Eight, Clove Hitch, Bowline, Prusik Hitch, Munter Hitch w/Tie-Off, Square Knot, Double Fisherman's Knot, Water Knot in webbing
- **TIE/ANCHOR:** Tensionless Anchor, Wrap-3 Pull 2 Anchor
- **RIG/OPERATE:** 3:1 Z-Rig Mechanical Advantage System

**Prerequisite:** Rope Rescue Technician, Confined Space Rescue Technician

**Current Textbook:** Course Materials Provided at the beginning of class.

**Testing:** TO RECEIVE A CERTIFICATE: Students must achieve a 70% or higher on exams at Awareness, Operations and Technician levels as well as practical skills tests.

**Other:** Students are encouraged to bring their own harness, ascending system, descender, and other rescue kits they might use in the field. All gear is subject to inspection and should be in a safe condition and age. Short pants will not be allowed, and hard-soled boots are mandatory during field activities.

Students should review and bring information acquired during the Rope Rescue Technician class.

Students shall bring an ANSI Type 1 rescue helmet and gloves to class.

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## ADVANCED ROPE RESCUE WORKSHOP: WILDERNESS

Course Hours: 24

Maximum Enrollment: 14

Course Fee: \$60.00

Dates of Delivery: 2026

**Course Description:** This advanced rescue workshop will take students out of their customary urban/industrial setting and to the pristine cliffs of Northeast Mississippi. The course will build on skills acquired in NFPA Rope Rescue Technician and apply them to the wilderness environment. Topics include artificial anchors, artificial high directional (AHDs), litter tending, horizontal rope systems, and an emphasis on individual movement on rope.

**NOTE:** Students must pass the entrance skills on the first day to continue in the course.

Skills include ascending and descending rope, knots, anchors, & simple mechanical advantages.

- **ASCENDING:** Ascend 30' on a conventional sit-stand / rope access ascending system. Demonstrate the ability to down-climb 10'. Change over to a descent on an approved auto-locking descender. Rappel to the ground. Complete in under 8 minutes. Two attempts allowed.
- **TIE:** Figure Eight on a Bite, Double Loop Figure Eight, Clove Hitch, Bowline, Prusik Hitch, Munter Hitch w/Tie-Off, Square Knot, Double Fisherman's Knot, Water Knot in webbing
- **TIE/ANCHOR:** Tensionless Anchor, Wrap-3 Pull 2 Anchor
- **RIG/OPERATE:** 3:1 Z-Rig Mechanical Advantage System

**Prerequisite:** Rope Rescue Technician

**Current Textbook:** Course Materials Provided at the beginning of class.

**Other:** Students are responsible for meals and lodging. Lunches will be backpacked into the field. Camping, RV access, and cabins are available through Tishomingo State Park.

Students are encouraged to bring their own harness, ascending system, descender, and other rescue kits they might use in the field. All gear is subject to inspection and should be in a safe condition and age. Short pants will not be allowed, and hard-soled boots are mandatory during field activities.

Students should review and bring information acquired during Rope Rescue Technician to class.

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## CERTIFIED ADVANCED RESCUE SPECIALIST

Course Hours: 40

Course Fee: \$250.00

Maximum Enrollment: 15

Date of Delivery: 2026

**Course Description:** This course is designed to bring together different types of rescue subject matter into one course. It develops through realistic, scenario-based training, team leader decision-making necessary to accomplish rescue tactics safely. Course reinforces information found in earlier course prerequisites and seeks to demonstrate how the application of this information can be modified and applied to solve various rescue situations. The course includes GPS use, map reading, compasses and their use, and overland rescue techniques, to complement other subject matter from disciplines such as structural firefighting, hazardous materials, rope, confined space rescue, and other disciplines.

**Prerequisite:** Documented emergency medical care training to First Responders level, Mississippi Smoke Diver, Rope Rescue Technician, Confined Space Rescue Technician, Trench Rescue Technician, Vehicle Extrication & Rescue Technician, **and any two of the following:** Swiftwater Rescue Technician, Structural Collapse Technician, Tower Rescue Technician, Machinery Extrication & Rescue Technician, NASAR SARTECH II, Dive Rescue Specialist

**Other:** The class is for individuals who can swim, have no fear of heights, are not claustrophobic, can fight interior structure fires, and understand hazardous materials terminology.

Students must have full personal protective clothing that meets NFPA 1971 and an SCBA and a spare cylinder meeting the NFPA 1981 standard.

Students who withdraw from the course for any reason must complete another course in its entirety to receive certification.

Students shall bring an ANSI Type 1 rescue helmet and gloves to class. Long pants, gloves, and sturdy boots are mandatory during field activities.

Students should bring eye protection, ear protection, and a water bottle.

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## Chlorep Training

Course Hours: 40 hours

Dates of Delivery: 2026

CHLOREP Team Training is a 5-day intensive training program that is offered on an annual basis at the Mississippi State Fire Academy in Jackson, MS. This program combines classroom instruction with hands-on, scenario-based field exercises to prepare participants for chlorine emergency response.

The program is intended for individuals from CHLOREP Teams and CHLOREP Contractors with some response experience and knowledge of responding to a chlorine emergency. The training is appropriate for new CHLOREP Team Members, as well as a refresher for longer-term Team Members.

Space is very limited and priority is given to CHLOREP Teams and CHLOREP Contractors, as well as other Chlorine Institute members and certain invited partners. Additional requests may be accommodated upon request and as space is available.

## INDUSTRIAL FIREFIGHTER TRAINING

Course Hours: 8  
Maximum Enrollment: 25  
Course Fee: \$380.00

Dates of Delivery: 2026

Course Description: This course reviews the techniques required to properly utilize portable fire extinguishers and basic techniques used to handle flammable liquid and compressed gas fires utilizing hose-lines and foam fire streams. The course is designed to allow participants to improve skill proficiency.

Prerequisite: None

Testing: None

## INDUSTRIAL RESCUE TRAINING

Course Hours: 8  
Maximum Enrollment: 25  
Course Fee: \$380.00

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Dates of Delivery:	2026
Course Description:	This course is scenario based, and participants should review and practice previously learned skills and techniques. The content of the course can be adjusted for varying degrees of proficiency.
Prerequisite:	None
Testing:	None

## PASSENGER BUS RESCUE

Course Hours:	8
Maximum Enrollment:	30
Course Fee:	\$2000.00

Dates of Delivery: 2026

Course Description: This intermediate course is designed to address the knowledge and skills associated with managing and executing passenger bus extrication. The course typically emphasizes rescue and extrication from school buses, but this may differ based on the needs of the agency. Typical evolutions will include identifying entry and exit paths, side wall extrication, roof extrication, stabilization, and lifting.

Prerequisite: None

Testing: None

Other: Host organization must provide one (1) school bus body and extrication tools to be used in outside skill evolutions. The bus will be used for extrication training and will be destroyed.

Students must have full personal protective clothing that meets NFPA 1971 or suitable wildland coveralls or vehicle extrication gear for this course.

Students shall bring an ANSI Type 1 rescue helmet and gloves to class. Gloves and protective-toed boots are mandatory during field activities.

Students should bring eye protection, ear protection, and a water bottle.

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