



# 2022 CAPITAL AREA INTERAGENCY WILDFIRE & INCIDENT MANAGEMENT ACADEMY

Registration  
begins  
JULY, 2022

### \*\*\*IMPORTANT\*\*\*

Cancellations on or after October 1 will be charged one day tuition fee (\$95) for each course cancelled. (Refunds will be given minus the \$95 fee.)

No refunds will be given for "No Shows."

Substitutions are accepted - please contact the coordinator.

We reserve the right to cancel any class that does not meet the minimum number of registrations (10 per course).  
Students enrolled in these classes will be notified and given the opportunity to register for alternative classes.

A confirmation letter and any pre-course work will be emailed out prior to the academy.

### GRANT FUNDING

Training tuition assistance is available to qualified Texas departments through the Texas A&M Forest Service under the Rural Volunteer Fire Department Assistance Program (HB 2604) and TIFMAS.

To apply, please visit  
<https://tfsweb.tamu.edu/FireDepartmentPrograms>

or call 979.458.6505 for RVFDAP grants,  
or 979.458.7357 for TIFMAS grants.

Applications for training tuition assistance must be submitted to the Emergency Services Grants Division **BEFORE** the academy start date.

Dates:  
October 7 - 19, 2022

Location:  
Camp Swift  
National Guard Training Center  
Gate 5  
850 FM 2336  
McDade, TX 78650

Cost:  
By class, located in Course Descriptions  
(Includes breakfast, lunch, & course material)

Class Times:  
0800 - 1700 daily

Check In:  
0630 - 1700 daily  
\*\*You only need to check in once. Please do this the day before or the morning of your first class.

For registration, hotel, and other information, see:  
<http://tfstraining.org>

For additional information, please contact the Academy Registrar at 979.458.8436 or email  
[AcademyRegistrar@tfs.tamu.edu](mailto:AcademyRegistrar@tfs.tamu.edu)

### SPECIAL THANKS TO OUR PARTNERS FOR PROVIDING INSTRUCTORS AND SUPPORT STAFF

Texas Army National Guard  
Texas A&M Forest Service  
USDA Forest Service  
National Park Service  
U.S. Fish & Wildlife Service  
National Weather Service  
Texas Wildfire Association  
Texas Parks & Wildlife Dept.

### TEXAS INTERAGENCY WILDFIRE & INCIDENT MANAGEMENT ACADEMY MISSION

To enhance the wildland firefighters' knowledge, utilizing National Wildfire Coordinating Group standards to promote safe and cost effective operations.

# COURSE DESCRIPTIONS

**\*\* Individuals must meet ALL prerequisites for the course or courses in which they wish to enroll \*\***  
**\*\* We reserve the right to deny enrollment into a course if an individual HAS NOT met the stated prerequisites \*\***  
**\*\* Courses will be considered for cancellation if the minimum enrollment is not met \*\***  
**\*\* You may not enroll for courses which overlap \*\***

Dates: Oct 15 – 16, 2022

Tuition: \$190

## **BEAST                      Basic Engine and Suppression Tactics**

This course will introduce students to basic wildland engine suppression tactics in both the rural and wildland urban interface settings. Students will also be introduced to basic engine terminology, structure triage, hose operations, and foam and water use practices to optimize the water available.

*\*Not an NWCG course*

**\*\*Prerequisite(s):** None

Dates: Oct 8 – 9, 2022

Tuition: \$190

## **DOZ-OPS                      TAMFS Dozer Operations and Maintenance**

This course is designed for the equipment operators that will be working in a wildland fire environment. It will cover basic dozer and heavy equipment tactics, safety, personal protective equipment, and supervision.

*\*Not an NWCG course*

**\*\*Prerequisite(s):** Successful completion of S-130/S-190, Basic Firefighter Training/Introduction to Wildland Fire Behavior

Dates: Oct 15 – 19, 2022

Tuition: \$475

## **ENOP                      Wildland Engine Operator**

The purpose of this course is to provide the knowledge and skills necessary to operate and maintain a wildland fire engine during pre-suppression, suppression, and post-fire operations.

**\*\*Prerequisite(s):** Successful completion of S-130/S-190, Basic Firefighter Training/Introduction to Wildland Fire Behavior; and S-211, Portable Pumps and Water Use

**\*\*\*Students are encouraged to bring their own engines. Please notify the academy coordinator if you plan on bringing your own engine.**

Date: Oct 16, 2022

Tuition: \$95

## **GPS                      Introduction to GPS Use / Basic Land Navigation**

This course will help familiarize students with GPS units and their utilization in wildland fire. Topics include: various types of GPS units and using GPS units in various fire situations.

**\*\*Prerequisite(s):** None

Dates: Oct 13 – 14, 2022

Tuition: \$190

## **L-280                      Followership to Leadership**

This training is designed as a self-assessment opportunity for individuals preparing to step into a leadership role. The course combines one day of classroom instruction followed by a second day in the field with students working through a series of problem-solving events in small teams. Topics include: leadership values and principles, transition challenges for new leaders, situational leadership, team cohesion factors, and ethical decision making. Target group for this course is personnel desiring to be qualified as a single resource boss.

**\*\*Prerequisite(s):** Successful completion of L-180, Human Factors in the Wildland Fire Service.

Dates: Oct 7 – 11, 2022 – Session A

Oct 15 – 19, 2022 – Session B

Tuition: \$475

## **S-130/S-190                      Firefighter Training / Introduction to Wildland Fire Behavior**

This introductory course is designed to train entry-level firefighters. The student will gain an understanding of the basic incident management organization, firefighting techniques, suppression equipment, safety, strategy/tactics, along with basic fire behavior. Field exercises will be performed for valuable hands-on training. This course is designed for entry-level firefighters.

NO PACK TEST WILL BE GIVEN.

**\*\*Prerequisite(s):** Successful completion of ICS-100, Introduction to the Incident Command System; IS-700, Introduction to the National Incident Management System; and L-180 Human Factors in the Wildland Fire Service (this course is now available online)

Dates: Oct 7 – 8, 2022 – Session A

Oct 12 – 13, 2022 – Session B

Tuition: \$190

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**S-131 Firefighter Type I**

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This course is designed to meet the training needs of the Firefighter Type 1 (FFT1) and/or Incident Commander Type 5 (ICT5). This course is designed to be interactive in nature. It contains class discussion and several tactical decision games designed to facilitate learning the objectives. Topics include: operational leadership, communications, LCES and tactical decision making.

**\*\*Prerequisite(s):** Qualified as a Firefighter Type 2 (FFT2)

Dates: Oct 12 – 13, 2022

Tuition: \$190

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**S-200 Initial Attack Incident Commander**

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This course is designed to meet the training needs of the ICT4. It is presented in a discussion/exercise format. The six instructional units include Foundation Skills; Intelligence Gathering and Documentation; Size Up the Incident; Develop a Plan of Action; Post-fire Activities; Evaluating Objectives; and Manage the Incident.

**\*\*Prerequisite(s):** Qualified as any Single Resource Boss

Dates: Oct 12 – 14, 2022

Tuition: \$285

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**S-211 Portable Pumps and Water Use**

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This course is designed to provide knowledge and skills to design, setup, operate, troubleshoot, and shut down portable water delivery systems. The focus is on portable pumps – it does not address water delivery for engines. Topics covered include: portable water delivery systems; equipment; roles and responsibilities; and system design and hydraulics. There is also a field exercise where students will apply what they learned in the classroom.

**\*\*Prerequisite(s):** None

Dates: Oct 7 – 10, 2022 – Session A

Oct 14 – 17, 2022 – Session B

Tuition: \$380

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**S-212 Wildland Fire Chain Saws**

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This course provides an introduction to the function, maintenance, and use of internal combustion engine powered chain saws, and their tactical wildland fire application. Field exercises support entry level training for firefighters with little or no previous experience operating a chain saw, providing hands-on cutting experience in surroundings similar to fire line situations. This class is targeted to those desiring to be qualified as firefighter type 1 (FFT1), incident commander type 5 (ICT5), or felling boss (FELB).

**\*\*Prerequisite(s):** Qualified as a Firefighter Type 2 (FFT2)

Dates: Oct 7 – 9, 2022

Tuition: \$285

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**S-215 Fire Operations in the Wildland/Urban Interface**

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This course is designed to assist structure and wildland firefighters who will be making tactical decisions when confronting wildland fire that threatens life, property, and improvements in the wildland/urban interface. Instructional units include: interface awareness, size-up, initial strategy and incident action plan, structure triage, structure protection tactics, incident action plan assessment and update, follow-up and public relations, and firefighter safety in the interface. This course is required training for the position of ICT4 and Strike Team Leader.

**\*\*Prerequisite(s):** Qualified as a Firefighter Type 1 (FFT1)

Dates: Oct 9 – 11, 2022 – Session A

Oct 7 – 19, 2022 – Session B

Tuition: \$285

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**S-219 Firing Operations**

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This course introduces the roles and responsibilities of a firing boss (FIRB) and outlines duties of other personnel who may engage firing operations. The course also discusses and illustrated common firing devise and techniques. This course now has a blended approach to learning, which means students are required to complete the online portions of the course prior to taking the instructor-led training.

**\*\*Prerequisite(s):** Qualified as a Firefighter Type 2 (FFT2); and required online training.

Dates: Oct 7 – 9, 2022 – Session A

Oct 14 – 16, 2022 – Session B

Tuition: \$285

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**S-230 Crew Boss (Single Resource)**

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This is a classroom course designed to produce student proficiency in performance of all duties associated with the single resource boss position, from initial dispatch to return to home unit. Topics include: preparation and mobilization, assignment preparation, tactics and safety, off-line duties, demobilization and post-incident activities. This course is required training for personnel desiring to be qualified as a single resource boss.

**\*\*Prerequisite(s):** Successful completion of S-290, Intermediate Wildland Fire Behavior; and qualified as a Firefighter Type 1 (FFT1)

Dates: Oct 11 – 12, 2022 – Session A

Oct 18 – 19, 2022 – Session B

Tuition: \$285

**S-231 Engine Boss (Single Resource)**

This is a classroom course designed to produce student proficiency in performance of all duties associated with the single resource boss position, from initial dispatch to return to home unit. Topics include: preparation and mobilization, assignment preparation, tactics and safety, off-line duties, demobilization and post-incident activities. This course is required training for personnel desiring to be qualified as a single resource boss.

**\*\*Prerequisite(s):** Successful completion of S-230, Crew Boss; and qualified as a Firefighter Type 1 (FFT1)

Dates: Oct 17 – 19, 2022

Tuition: \$285

**S-236 Heavy Equipment Boss (Single Resource)**

This course is designed to meet the training needs of a Heavy Equipment Boss on an incident as outline in PMS 310-1. Primary considerations are tactical use and safety precautions required to establish and maintain an effective dozer operation. A field exercise is required as part of the course.

**\*\*Prerequisite(s):** Successful completion of S-230, Crew Boss; and qualified as a Firefighter Type 1 (FFT1)

Dates: Oct 12 – 13, 2022

Tuition: \$190

**S-270 Basic Air Operations**

This course covers aircraft types and capabilities, aviation management and safety for flying in and working with agency aircraft, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas. This course is required training for all personnel desiring to be qualified as a Single Engine Air Tanker Manager (SEGM). Also supports development skills for single resource bosses, Helicopter Manager, Aircraft Dispatcher and other positions that require basic knowledge of aviation operations.

**\*\*Prerequisite(s):** None

Dates: Oct 14 – 16, 2022

Tuition: \$285

**S-271 Helicopter Crewmember**

This is a combined classroom/field course designed to provide student proficiency in all areas of the tactical and logistical use of helicopters to achieve efficiency and standardization. Topics include: safety, personal protective equipment, capabilities and limitations, load calculations, helicopter makes and models, landing areas, fueling, contract administration, cargo transport, and helibase/ helispot organization and operations. The following IAT A-courses curriculums are intergraded and may be credited upon completion of this course: A-105 Aviation Life Support Equipment, A-113 Crash Survival, and A-219 Helicopter Transport of External Cargo.

**\*\*Prerequisite(s):** Qualified as a Firefighter Type 2 (FFT2)

Dates: Oct 7 – 10, 2022

Tuition: \$380

**S-290 Intermediate Wildland Fire Behavior**

This is a classroom-based skills course designed to prepare the prospective fire line supervisor to undertake safe and effective fire management operations. It is the second course in a series that collectively serves to develop fire behavior prediction knowledge and skills. Target group: personnel desiring to be qualified as any single resource boss or fire effects monitor (FEMO).

**\*\*Prerequisite(s):** Successful completion of S-190, Introduction to Wildland Fire Behavior

Date: Oct 17 – 19, 2022

Tuition: \$285

**S-330 Task Force / Strike Team Leader**

This course meets the training requirements for the positions of Task Force and Strike Team Leader. This course is designed to be interactive with several scenarios and exercises specific to wildland fire suppression. This course is for those desiring to be qualified as a task force leader (TFLD) or any strike team leader (STPL, STDZ, STEN, or STCR).

**\*\*Prerequisite(s):** Qualified as any Single Resource Boss

Date: Oct 10 – 14, 2022

Tuition: \$475

**S-390 Introduction to Wildland Fire Behavior Calculations (2022a)**

This course is designed to introduce fire behavior calculations by manual methods, using nomograms and the Fire Behavior Handbook Appendix B. The student gains an understanding of fire behavior through studying inputs (weather, slope, fuel, and fuel moisture). The student also learns how to interpret fire behavior outputs, documentation processes, and fire behavior briefing components. This course is for those desiring to become qualified as division group supervisor (DIVS), prescribed fire burn boss type 2 (RXB), incident commander type 3 (IT3), or in a position requiring this knowledge.

*This is the alpha-version of the new 2022 version of this course. Students will receive the latest subject material on this topic.*

**\*\*Prerequisite(s):** Successful Completion of S-290, Intermediate Wildland Fire Behavior; and qualified as any Single Resource Boss