



WELCOME TO THE 19TH ANNUAL CAPITAL AREA INTERAGENCY WILDFIRE & INCIDENT MANAGEMENT ACADEMY

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.

Registration begins JULY 20, 2016.
Late registration begins SEPTEMBER 28, 2016.

Dates: October 13 - 26, 2016

Location:
(911 address)
Camp Swift National Guard Facility
Gate 5
850 FM 2336
McDade, TX 78650

Cost: See course descriptions for individual course pricing
(includes breakfast, lunch, course material)

Class Times: 0800 - 1700 daily

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

*** **

Registration, hotel, and other information can be found at
<http://ticc.tamu.edu/Training/training.htm>.

For additional information, please contact the Academy Registrar at 979.458.7330 or email
academyregistrar@tfs.tamu.edu

*****IMPORTANT*****

A full refund will be given until October 5, 2016. Cancellations after October 5th will be charged a \$55 fee for each course cancelled. 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 registrations 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 mailed out prior to the academy. However, registrations done after October 5th will receive pre-course work at check-in.

*****ATTENTION: TEXAS VFDs and CFDs*****

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

Up to a maximum of \$125 per day, not to exceed \$625 per trainee per school, and an annual maximum of \$12,500 per department is allowed.

To apply, please visit
<http://ticc.tamu.edu/FireDepartments/FDassistance.htm>
or call (979) 458-6505 for HB2604 or (936) 639-8100 for TIFMAS. Applications for training tuition assistance must be submitted to the Emergency Services Grants Division **BEFORE** the course date.

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

Texas Army National Guard, Texas A&M Forest Service, U.S. Forest Service, National Park Service, U.S. Fish & Wildlife Service, National Weather Service, The Nature Conservancy, Texas Wildfire Association

COURSE SCHEDULE

Course Abbreviation	Course Name	Dates	# of Days	Pre-requisites	Field Day*	Pre-work
BEAST	Basic Engine and Suppression Tactics	October 15 - 16	2	None	✓	
DOZOPS	TFS Dozer Operations and Maintenance	October 22 - 23	2	Successful completion of S-130/S-190	✓	
TDA-RX	TDA Prescribed Burn Manager	October 14 - 18	5	See Course Description	✓	✓
FL-210	Wildland Fire Origin and Cause Determination	October 13 - 17	5	See Course Description	✓	✓
L-280	Followership to Leadership	October 18 - 19	2	Successful completion L-180 and pre-course work	✓	✓
L-380	Fireline Leadership	October 17 - 21	5	See Course Description	✓	✓
PMS-419	Wildland Engine Operator	October 21 - 25	5	Successful completion S-130/S-290, S-211, S-131, and pre-course work; FFT2 qualified	✓	✓
S-130/190 A	Firefighter Training/Introduction to Wildland Fire Behavior (includes I-100 & L-180)	October 13 - 17	5	None	✓	
S-130/190 B	Firefighter Training/Introduction to Wildland Fire Behavior (includes I-100 & L-180)	October 21 - 25	5	None	✓	
S-131/S-133 A	Firefighter Type 1/ Look Up, Look Down, Look Around	October 13 - 14	2	FFT2 qualified		
S-131/S-133 B	Firefighter Type 1/ Look Up, Look Down, Look Around	October 19 - 20	2	FFT2 qualified		
S-211	Portable Pumps and Water Use	October 18 - 20	3	None	✓	
S-212 A	Wildland Fire Chain Saws	October 13 - 16	4	Satisfactory completion of pre-course work; FFT2 qualified	✓	✓
S-212 B	Wildland Fire Chain Saws	October 21 - 24	4	Satisfactory completion of pre-course work; FFT2 qualified	✓	✓
S-215	Fire Operations in the Wildland/Urban Interface	October 24 - 26	3	FFT1 qualified	Field Trip	
S-219	Firing Operations	October 21 - 23	3	Successful completion of required online pre-course work; FFT2 qualified	✓	✓
S-230	Crew Boss (Single Resource)	October 13 - 15	3	Successful completion of S-290 and pre-course work; FFT1 qualified		✓
S-231	Engine Boss (Single Resource)	October 16 - 17	2	Successful completion of S-230 and pre-course work; FFT1 qualified		✓
S-236	Heavy Equipment Boss (Single Resource)	October 24 - 26	3	Successful completion of pre-course work; FFT1 qualified	✓	✓
S-244	Field Observer	October 18 - 20	3	See Course Description	✓	✓
S-261	Applied Interagency Incident Business Management	October 18 - 20	3	None, however, successful completion of S-260 is recommended		

COURSE SCHEDULE

Course Abbreviation	Course Name	Dates	# of Days	Pre-requisites	Field Day*	Pre-work
S-270	Basic Air Operations	October 17 - 18	2	Satisfactory completion of pre-course work		✓
S-271	Helicopter Crewmember (includes RT 219)	October 19 - 22	4	FFT2 qualified	✓	
S-290 A	Intermediate Wildland Fire Behavior	October 14 - 18	5	Successful completion of S-190 and pre-course work		✓
S-290 B	Intermediate Wildland Fire Behavior	October 22 - 26	5	Successful completion of S-190 and pre-course work		✓
S-330	Task Force/Strike Team Leader	October 24 - 26	3	Satisfactory completion of pre-course work; qualified as any single resource boss		✓
S-339	Division/Group Supervisor	October 20 - 22	3	See Course Description		✓
S-354	Facilities Unit Leader	October 13 - 15	3	Base/camp manager (BCMG) qualified		
S-355	Ground Support Unit Leader	October 16 - 17	2	Equipment manager (EQPM) qualified		
S-390	Introduction to Wildland Fire Behavior Calculations	October 17 - 21	5	Satisfactory completion of S-290 and pre-course work; single resource boss qualified		✓

* PPE is required for courses with field days

** Pre-course work is available online at <http://training.nwcg.gov/pre-courses.html>

COURSE DESCRIPTIONS

*cost is indicated as early registration fee/ late registration fee

BEAST	Basic Engine and Suppression Tactics	Cost: \$110.00/ \$120.00
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. The course consists of 8 hours of classroom studies and 8 hours of field work. *Not an NWCG course **Prerequisite(s): NONE		
DOZ OPS	TFS Dozer Operations and Maintenance	Cost: \$110.00/ \$120.00
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-130/190		
TDA-RX	TX Dept of Ag Prescribed Burn Course	Cost: \$275.00/ \$300.00
This course consists of general fire training and specialized training for the region in which the person is seeking certification, using training materials developed by the Texas Department of Agriculture Prescribed Burning Board. The course will contain formal classroom lectures and practical field sessions, including a prescribed burn. Applicants for certification as a Certified and Insured Prescribed Burn Manager (CIPBM) must complete a course approved by the Board and pass the exam. For more information, please visit: http://www.texasagriculture.gov/Home/ProductionAgriculture/PrescribedBurnProgram/CommercialCertifiedPrescribedBurnManager.aspx .		
L-280	Followership to Leadership	Cost: \$110.00/ \$120.00
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 includes: 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): Experience on incident assignments in operations or support functions; successful completion of L-180; satisfactory completion of pre-course work.		
PMS-419	Wildland Engine Operator	Cost: \$275.00/ \$300.00
This course covers foreman duties, engine maintenance, structure triage, hazardous materials, and use of foam and retardant. **Prerequisite(s): Successful completion of S-130/190, S-211, S-131; FFT2 qualified; satisfactory completion of pre-course work ***Students are encouraged to bring their own engines. Please notify the academy coordinator if you plan on bringing your own engine.		
S-130/190 (includes L-100 & L-180)	Firefighter Training/ Introduction to Wildland Fire Behavior	Cost: \$275.00/ \$300.00
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. <u>NO PACK TEST WILL BE GIVEN.</u> **Prerequisite(s): NONE *** You will be "camping out" at the state park the last night of class. Please bring a sleeping bag and pillow for this night if you are staying in a hotel for the rest of the time.		
S-131/S-133	Firefighter Type I/ Look Up, Look Down, Look Around	Cost: \$110.00/ \$120.00
S-131 is designed to meet the training needs of the Firefighter Type 1 (FFT1). It contains several tactical decision games designed to facilitate learning the objectives and class discussion. Topics include: fire line reference materials, communications, and tactical decision making. This course is targeted at personnel desiring to be firefighter type 1 (FFT1). S-133 is designed to train Incident Commander Type 5 (ICT5) and Firefighter Type 1 (FFT1) to identify environmental factors and indicators of hazardous fire conditions, and how to use these indicators when implementing the Risk Management Process. **Prerequisite(s): Qualified as a Firefighter Type 2 (FFT2)		
S-211	Portable Pumps and Water Use	Cost: \$165.00/ \$180.00
This course gives the student practical knowledge and application skills of portable pump operations. The course consists of three skill areas: supply, delivery, and application of water. Field exercises train the student in the set-up, operation, and maintenance of pump equipment. The class is intended for individuals desiring to gain competency in the use of potable pumps and water. **Prerequisite(s): NONE		
S-212	Wildland Fire Chain Saws	Cost: \$220.00/ \$240.00
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); satisfactory completion of pre-course work.		

S-215	Fire Operations in the Wildland/Urban Interface	Cost: \$165.00/ \$180.00
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): Students should be FFT1 qualified		
S-219	Firing Operations	Cost: \$165.00/ \$180.00
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): FFT2 qualified and successful completion of <u>required</u> online training.		
S-230	Crew Boss (Single Resource)	Cost: \$165.00/ \$180.00
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): Qualified as Firefighter Type 1 (FFT1); successful completion of S-290; satisfactory completion of pre-course work.		
S-231	Engine Boss (Single Resource)	Cost: \$110.00/ \$120.00
This is a skill course designed to produce student proficiency in the performance of the duties associated with engine boss, single resource (ENGB). Topics include: engine and crew capabilities and limitations, information sources, fire size-up considerations, tactics, and wildland/urban interface. **Prerequisite(s): Qualified a Firefighter Type 1 (FFT1); successful completion of S-230.		
S-236	Heavy Equipment Boss (Single Resource)	Cost: \$165.00/ \$180.00
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): Qualified as a firefighter type 1 (FFT1); satisfactory completion of the pre-course work.		
S-244	Field Observer	Cost: \$165.00/ \$180.00
This course provides students with the skills necessary to perform as a field observer (FOBS) or fire effects monitor (FEMO). Topics include roles and responsibilities of the FOBS and FEMO; how to make observations and document those observations; how to produce hand drawn and GPS field maps; and how to navigate using a compass and GPS. **Prerequisite(s): FOBS – qualified as any single resource boss OR FEMO: qualified as a firefighter type 2 (FFT2); successful completion of S-290; successful completion of pre-course work; basic understanding of how to use a GPS receiver		
S-261	Applied Interagency Business Management	Cost: \$165.00/ \$180.00
This is an instructor led course designed for entry-level finance positions. Students will be introduced to the roles and responsibilities, and will be able to demonstrate proficiency in the skills/knowledge required to perform the tasks of the following positions: Equipment Time Recorder (EQTR), Compensation for Injury Specialist (INJR), Claims Specialist (CLMS), and Personnel Time Recorder (PTRC). S-261 is designed to be taken after completion of S-260, Interagency Incident Business Management. **Prerequisite(s): None		
S-270	Basic Air Operations	Cost: \$110.00/ \$120.00
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): Satisfactory completion of pre-course work		
S-271	Helicopter Crewmember	Cost: \$220.00/ \$240.00
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).		
S-290	Intermediate Wildland Fire Behavior	Cost: \$275.00/ \$300.00
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; satisfactory completion of pre-course work.		

S-330 Task Force/Strike Team Leader Cost: \$165.00/ \$180.00

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; satisfactory completion of pre-course work.

S-339 Division/Group Supervisor Cost: \$165.00/ \$180.00

This course prepares the student to perform in the role of division/group supervisor. It will provide instruction in support of the specific tasks of division/group supervisor, but will not instruct the student in general management/supervision or in the incident command system (ICS), both of which the student should learn through prerequisite course work. Topics include: division/group management, organization interaction, and division operations.

****Prerequisite(s):** Qualified as a Task Force Leader (TFLD) OR qualified as an Incident Commander Type 3 (ICT3) OR qualified as an Incident Commander Type 4 (ICT4) and in any two strike team leader positions – one must be STCR or STEN; satisfactory completion of pre-course work.

S-354 Facilities Unit Leader Cost: \$165.00/ \$180.00

This course prepares students to perform the job of facilities unit leader (FACL) as outlined in the PMS 310-1. Students will be provided an introduction to operational leadership, mobilization, arrival at an incident, risk management, safety and tactics, demobilization, and post-incident responsibilities.

****Prerequisite(s):** Qualified as base/camp manager (BCMG)

S-355 Ground Support Unit Leader Cost: \$110.00/ \$120.00

This course is designed to prepare students to perform the duties of managing the transportation plan, maintenance and related services at an incident. Topics include gathering information about the assignment; organizing, staffing, and laying out the unit; field inspection of equipment; operation and coordination of the unit with other units, and demobilization.

****Prerequisite(s):** Qualified as equipment manager (EQPM)

S-390 Introduction to Wildland Fire Behavior Calculations Cost: \$275.00/ \$300.00

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.

****Prerequisite(s):** Successful completion of S-290; qualified as a single resource boss; satisfactory completion of pre-course work.

REMEMBER

**** Individuals need to have met ALL prerequisites for the course(s) they wish to enroll in ****

****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 ****

**** Courses you are signing up for may not overlap ****

USFS REGION 8 COURSE OFFERINGS

If you are interested in attending the following classes, please visit the following website:

http://www.nationalfiretraining.net/schedule/list/show/25/filter/dates_future%2Aarea_sa/sort/dates_asc/page/1.

Information on the courses, nomination forms, and where to send the forms can be found on the site.

Nomination forms are due to the USFS Region 8 office by August 19, 2016. Registration on TIWA is not available for these courses, so please do not send registration forms to the registrar or try to register online.

****TFS Employees Only:** Do not submit your nomination form to USFS Region 8. Please submit forms to Chris Angerer for review.**

FI-210	Wildland Fire Origin and Cause Determination	Cost: \$275.00/ \$300.00
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The primary purpose of this course is to provide a consistent knowledge and skill base for the wildland fire investigator (INVF). The concepts taught in this course will help an INVF perform at an acceptable level on a national basis without regard to geographic boundaries. This is recommended training for experienced fire personal and law enforcement officers with wildland fire investigation responsibilities.

****Prerequisite(s):** Recommended that students have law enforcement or firefighter experience; satisfactory completion of pre-selection assessment and pre-course work.

L-380	Fireline Leadership	Cost: Meals only
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The L-380 training course is designed to provide new leaders with the skill set needed for building and maintaining cohesive wildland fire crews. This course provides a blending of theory, classroom exercises and field exercises to bring together basic answers to understanding and influencing human behavior. The main target group for the training class is students wishing to reach Strike Team Leader or a Unit Leader position.

****Prerequisite(s):** Qualified as incident personnel with supervisory responsibilities; successful completion of L-180; successful completion of pre-course work

Capital Area Interagency Wildfire & Incident Management AcademyOctober 13th – 26th, 2016

Camp Swift National Guard Training Facility, Bastrop, TX

Registration Form

You may print this form to mail or fax, email scanned copy, or use the

On-Line Registration at <https://tiwa.tamu.edu>****PLEASE FILL OUT FORM COMPLETELY****

Student's Name: _____

IQCS #: _____

(federal employees only)

Organization: _____

Mailing Address:

Billing Address (if different):

Daytime Phone: _____

Fax Number: _____

E-Mail: _____

(REQUIRED - if you do not provide a working email address, you will not be able to receive confirmations or notifications)

Please provide an emergency contact name (full name), relationship, & contact number (other than your supervisor):

Do you need barrack accommodations? Circle one: ☐ YES ☐ NO

(For barrack stay, please bring a blanket/sheet or sleeping bag and pillow, and necessary toiletries.)

Do you have any allergies or other medical needs? _____

Do you have any food restrictions (i.e. vegetarian, food allergies, etc.)? _____

Please enroll me in the following courses:
(prerequisites MUST be met and overlapping courses ARE NOT permitted)

Class: _____

Class: _____

Class: _____

Class: _____

****If your class has prerequisites, please attach a copy of your red card or training records to show prerequisites have been met for each course you are registering for.**

Supervisor's Name: _____ Title: _____ Telephone: _____

Supervisor's Signature: _____

Student Name: _____

O Number: _____
(for office use)

PAYMENT INFORMATION

1. **PAYMENT MUST BE MADE PRIOR TO ATTENDING ACADEMY COURSES.**
2. **CANCELLATIONS MADE ON or BEFORE OCTOBER 5th WILL RECEIVE A FULL REFUND.**
3. **CANCELLATIONS MADE STARTING OCTOBER 6th WILL INCUR A FEE OF \$55 FOR EACH CLASS CANCELLED.**
4. **NO REFUNDS WILL BE GIVEN FOR "NO SHOWS".**

Substitutions may be made.

STUDENT COST

Course: _____	Cost: _____
Course: _____	Cost: _____
Course: _____	Cost: _____
Course: _____	Cost: _____
Total: _____	

METHOD OF PAYMENT

(Federal ID #: 74-6014065)

☐ CREDIT CARD

Credit Card Number: _____ ☐ Visa ☐ MasterCard ☐ Discover ☐ AmEx

Expiration Date: _____(mm/yy) Billing Zip Code: _____

Cardholder's Name (PRINT): _____

Cardholder's Name (SIGNATURE): _____

*Credit card payments will be processed immediately upon receipt.

☐ GOVT CHECK/ PERSONAL CHECK/ MONEY ORDER

Please make checks out to Texas A&M Forest Service

☐ PURCHASE ORDER – Please provide PO # _____

☐ HB 2604/TIFMAS – Applications must be turned into Grants Department before the start of the Academy

Mail or fax completed form to:

Texas A&M Forest Service
Attn: Meredith McNeil, Academy Coordinator
200 Technology Way, Suite 1162
College Station, TX 77845-3424

Fax: 979-458-7117

Tel: 979-458-7330