

17th Annual Capital Area Interagency Wildfire & Incident Management Academy

October 24th – November 6th, 2014

Camp Swift National Guard Training Facility

Bastrop, Texas

This year marks 17 years in Central Texas. For almost two decades, we have helped bring emergency responders, of all backgrounds, through the ranks, whether starting from the bottom or in the middle of a career. At the Capital Area Interagency Wildfire & Incident Management Academy, we strive to provide a diverse and well-rounded learning experience in a friendly and welcoming environment.

DATE: October 24 – November 6, 2014

PHYSICAL LOCATION:

(this is a ROUGH estimate of the gate location for GPS)
Camp Swift National Guard Facility
856 FM 2336
McDade, TX 78650

MAILING ADDRESS:

Camp Swift National Guard Facility
1705 Hwy 95 N, Unit B
Bastrop, TX 78602

COST:

\$55 per day
\$60 per day starting October 1st
(includes HOT breakfast, lunch, course material)
Some classes may end early;
cost is the same due to meals and course expenses

CLASS TIMES: 0800 – 1700 daily

CHECK-IN: open at 0630 daily at the ICP
Please check-in the day before or the morning of your first class.

Barrack accommodations and tent camping sites are available at no charge

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

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



Registration begins **JULY 23, 2014.**
(Early registration is encouraged, as class size is limited.)

Payment must be made prior to attending class.
A full refund will be given through September 30th, 2014.
Starting October 1st, a \$55 fee will be incurred 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 prior to the Academy. However, if you register the week before, you will get it at check in.

ATTENTION TEXAS VFDs:

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

Up to a maximum of \$85 per day, not to exceed \$595 per trainee per school, and a maximum of \$6,000 per department is allowed.

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

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.

Special thanks to:

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, National Wildfire Coordinating Group, Texas Wildfire Association

COURSE DESCRIPTIONS

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. The course consists of 8 hours of classroom studies and 8 hours of field work.

**Not an NWCG course*

****Prerequisite(s):** NONE

CTBS **Courage to be Safe**

Firefighter Life Safety Initiative #13 states that firefighters and their families must have access to counseling and psychological support. The National Fallen Firefighters Foundation has developed "Stress First Aid for Fire and EMS Personnel" to address this initiative. Stress First Aid was adapted from the Navy/Marine Corps' Combat Operational Stress First Aid. Stress First Aid offers a flexible and practical approach to behavioral health that can be customized for the individual and the event. There are four key objectives to this conference session. First, attendees will learn how Stress First Aid reduces the risk for stress reactions by offering a spectrum of interventions to aide individuals reacting to a stress event. Second, attendees will learn the core set of principles of Stress First Aid including the importance of leadership and peer support teams. Third, attendees will be introduced to the Stress Continuum Model which is an effective tool for determining an individual's stress response. Fourth, attendees will be presented with the Seven Core Actions of Stress First Aid which can be useful to leaders, peer support teams and individuals.

**Not an NWCG course*

****Prerequisite(s):** NONE

DOZ OPS **TFS Dozer Operations/ 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-130/190

EVOC **Emergency Vehicle Operations Course**

This course is designed for emergency response personnel that will be driving in a response capacity. Topics include: safety considerations that affect responders when responding to an emergency and basic driving considerations of large apparatus.

**Not an NWCG course*

****Prerequisite(s):** NONE

GPS **GPS Orientation**

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

**Not an NWCG course.*

****Prerequisite(s):** NONE

LACK **Leadership Accountability Culture Knowledge**

Is your department on the path to a LODD? This compelling presentation by the National Fallen Firefighter Foundation examines the root causes of LODD's and the roles of Leadership, Accountability, Culture and Knowledge as they influence the end result. Many fire departments across the United States lack "the Right Stuff" to prevent them from being on a path to a line of duty death; with Leadership, Accountability, Culture and Knowledge being the elements that need to be addressed and managed in those environments. Through education and training, departments can improve their survivability by gleaning a deeper understanding of the root causes of firefighter fatalities and engage in these four elements with special emphasis on understanding fire service culture.

**Not an NWCG course*

****Prerequisite(s):** NONE

L-180 **Human Factors in the Wildland Fire Service**

This training course is designed for unit-level supervisors to use when delivering orientation training to new crewmembers. The stand-alone training package is available in the NWCG Publication Management System. An adapted version is included as Unit 4 in the 2003 edition of S-130. Topics include: situation awareness; basic communication responsibilities; attitude and decision barriers; decision making process; teamwork principles.

****Prerequisite(s):** NONE

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 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**

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.**

RX-301 Prescribed Fire Implementation

This course is designed to introduce students to the tools and techniques used to perform in the role of a prescribed fire burn boss. The course material is based on the tasks found in the PTB for prescribed fire burn boss. It leads the student through the duties and responsibilities associated with the position including evaluation and implementation of a prescribed fire plan. This course is for personnel desiring to become qualified as a prescribed burn boss type 2 (RXB2).

*** NOTE:** Strongly recommended that the student have completed RX-341 prior to taking RX-301.

****Prerequisite(s):** Qualified as a firing boss (FIRB), as an incident commander type 4 (ICT4), successful completion of S-390, proficient in the use of BehavePlus, and successful completion of the pre-course work.

RX-341 Prescribed Fire Implementation

The purpose of RX-341, Prescribed Fire Plan Preparation, is to provide students with the skills/knowledge to prepare a prescribed fire plan for technical review and approval in accordance with the Interagency Prescribed Fire Planning and Implementation Procedures Reference Guide. Objectives of this course include describing prescribed fire planning policies and guidelines, identifying and describing the processes involved in preparing a prescribed fire plan, and developing and defending a prescribed fire plan that safely meets management objectives. The course is suggested training for all students who are involved in or plan to be involved in the preparation of prescribed fire plans. Other positions that would benefit from this course are firing boss, fire effects monitor, air regulators, fire ecologists, private landowners, other state and private agencies, prescribed fire consultants, and fire planners.

***NOTE:** It is recommended that students desiring to take both RX-341 and RX-301 should take RX-341 first.

****Prerequisite(s):** Successful completion of S-390; proficiency in the use of BehavePlus; satisfactory completion of pre-course work. Additionally, fire personnel must be qualified as an ICT4, and resource personnel must have knowledge of fire suppression principles and techniques.

***** Students will need to bring a laptop installed with BehavePlus. The academy will not provide students with laptops.**

****REGISTRATION FOR RX-341 ENDS OCTOBER 1, 2014****

S-130/190 (includes I-100 & L-180) 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):** NONE

***** You will need to bring sleeping bag and pillow.**

S-131 Firefighter Type I

This course 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: fireline reference materials, communications, and tactical decision making. This course is targeted at personnel desiring to be firefighter type 1 (FFT1).

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

S-133 Look Up, Look Down, Look Around

This course 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):** NONE

S-200 Initial Attack Incident Commander (ICT4)

This course is designed to meet the training needs of the ICT4. Topics covered include: readiness and mobilization, size-up, planning and ordering, deployment and containment, administrative requirements, and post-fire evaluation. Target group: personnel desiring to be qualified as an incident commander type 4 (ICT4).

****Prerequisite(s):** Qualified as a Single Resource Boss; satisfactory completion of pre-course work.

S-211 Portable Pumps and Water Use

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 portable pumps and water.

****Prerequisite(s):** NONE

S-212 Wildland Fire Chain Saws

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 fireline 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

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-230 Crew 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):** Qualified as Firefighter Type 1 (FFT1); successful completion of S-290; satisfactory completion of pre-course work.

S-231 Engine Boss (Single Resource)

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-234 Ignitions Operations

This course introduces the roles and responsibilities of a firing boss (FIRB), common firing devices, and general firing operations and techniques. This course is designed for those desiring to be qualified as firing boss (FIRB).

****Prerequisite(s):** Successful completion of S-290; satisfactory completion of pre-course work.

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):** Qualified as a firefighter type 1 (FFT1); satisfactory completion of the pre-course work.

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):** Satisfactory completion of pre-course work

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. This course is required training for all personnel desiring to be qualified as a Helicopter Crewmember (HECM).

****Prerequisite(s):** Non-fire personnel – None; Fire personnel – Qualified as a firefighter type 2 (FFT2).

S-290 Intermediate Wildland Fire Behavior

This is a classroom-based skills course designed to prepare the prospective fireline 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

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-336 Tactical Decision Making in Wildland Fire

This course is designed to meet the training requirements in the Operations Section of the Incident Command System. It is designed primarily to instruct **experienced** single resource bosses and initial attack incident commanders in the tactics necessary at the strike team/task force leader level. It is also valuable for operations supervisors qualified at higher management levels who have not received training in wildfire suppression tactics.

****Prerequisite(s):** Qualified as a Single Resource Boss or Initial Attack Incident Commander Type 4 (ICT4); satisfactory completion of pre-course work.

S-339 Division/Group Supervisor

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-390 Introduction to Wildland Fire Behavior Calculations

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.

Capital Area Interagency Wildfire & Incident Management Academy

October 24th - November 6th, 2014

Camp Swift National Guard Training Facility, Bastrop, TX

Registration Form

You may print this form to mail / fax, email scanned copy, or use the
On-Line Registration at <http://ticc.tamu.edu/training/training.htm>.

****PLEASE FILL OUT FORM COMPLETELY****

Student's Name: _____

O-Number: _____
(for office use)

Organization: _____

Mailing Address (complete address):

Billing Address (if different from mailing address):

Daytime Phone: _____

Other Phone: _____

Fax Number: _____

E-Mail: _____

(REQUIRED - if you do not provide one or do not have one,
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):

**Please enroll me in the following courses:
(pre-requisites MUST be met and overlapping courses ARE NOT permitted)**

Class: _____

Date: _____

Class: _____

Date: _____

Class: _____

Date: _____

Class: _____

Date: _____

Consult supervisor for agency-specific prerequisites

****Federal Employees Only... Please provide your IQCS ID # _____****

Do you need barrack accommodations? Circle one: YES or NO If yes, MALE or FEMALE
(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.)? _____

Student Name: _____

O Number: _____
(for office use)

PREVIOUS TRAINING

We reserve the right to deny enrollment into a class based on prerequisites given

Please list class training completed and dates pertinent to desired courses:

Please list past qualifications pertinent to desired courses (FFT1, CRWB, etc.) or provide a copy of Red Card:

Student's Name: _____ Title: _____ Telephone: _____

Student's Signature: _____

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

Supervisor's Signature: _____

Student Name: _____

O Number: _____
(for office use)

PAYMENT INFORMATION

STUDENT COST:

\$55 per day if registering **ON or BEFORE** September 30, 2014

\$60 per day if registering **STARTING** October 1, 2014

Make checks payable to:
Texas A&M Forest Service

____ Day(s) @ \$55 per day \$ _____

____ Day(s) @ \$60 per day (starting Oct. 1) \$ _____

Payment Enclosed? YES or NO

FEDERAL ID #: 74-6014065

IMPORTANT~IMPORTANT~IMPORTANT

1. PAYMENT **MUST** BE MADE PRIOR TO ATTENDING ACADEMY COURSES.
2. CANCELLATIONS MADE ON OR BEFORE SEPTEMBER 30th WILL RECEIVE A FULL REFUND.
3. CANCELLATIONS MADE STARTING OCTOBER 1st WILL INCUR A FEE OF \$55 FOR EACH CLASS CANCELLED.
4. NO REFUNDS WILL BE GIVEN FOR "NO SHOWS".

Substitutions may be made.

Method of Payment

CREDIT CARD*

GOVT CHECK

PERSONAL CHECK

MONEY ORDER

PO**

HB 2604/TIFMAS***

Credit Card Number: _____

Expiration Date: _____ (mm/yy) Visa ___ MasterCard ___ Discover ___ AmEx ___

Billing Zip Code: _____

Cardholder's Signature: _____

*Credit card payments will be processed immediately upon receipt.

**If using Purchase Order, please provide PO # _____

***If indicating HB 2604 or TIFMAS, you need to have your application in BEFORE your training begins.

Payment in the form of a credit card, check, money order or purchase order must be received prior to attending academy courses.

Mail or fax completed form to:

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

Fax: 979-458-7117

Tel: 979-458-7330