

2010 ARIZONA WILDFIRE AND INCIDENT MANAGEMENT ACADEMY

MISSION STATEMENT

TO DEVELOP PROFESSIONAL AND SAFE RESPONSES IN THE WILDLAND ENVIRONMENT BY OFFERING TRAINING AND EDUCATION THAT MEETS OR EXCEEDS THE *NATIONAL WILDFIRE COORDINATING GROUP* STANDARDS

DATES: March 13-19,2010

LOCATION:

Embry Riddle
Aeronautical University
3700 Willow Creek Road
Prescott AZ 86301

COST:

Student \$60 per day

Late fee:

\$70 after January 15

IMT Trainee Position

\$40 per day

Late Fee:

\$50 after January 15



Vendor Exhibits

Vendors will be conveniently located near check-in to demonstrate and sell the latest fire equipment, clothing and more.

Special Events

During Academy week there will be planned evening events and optional workshops. Good food, great entertainment and socializing with friends will make your Academy week most enjoyable!

Please take advantage of all that is offered !

Tuition fee includes all course materials, breakfast, lunch and tent camping on-site

HOTELS

Rooms: \$60 + tax/night

(be sure to mention you are with the Arizona Wildfire and Incident Management Academy when making reservations)

Wyndham Garden Inn (Headquarters).....928-777-0770
Prescott Resort800-967-4637
Residence Inn 928-775-2232
Springhill Suites..... 928-776-0998

Incident Management Team Trainees

In addition to the courses offered, we have an opportunity for trainees in the positions listed below. This is a great time to work on your task books. As a trainee, you will help manage the daily operations of the Arizona Wildfire and Incident Management Academy (AWIMA) with the guidance of a qualified trainer. AWIMA is an incident and trainees will work in excess of eight hours a day. No overtime or comp time will be covered by AWIMA. Trainees will be allowed only one task book and may take a class if authorized by your trainer. The tuition fee for trainees covers breakfast, lunch and tent camping on-site as alternate lodging. This valuable opportunity will help make you more qualified for the upcoming season. You may register for 3 to 7 days. The registration fee is \$40 per day before January 15, After January 15 the late fee is \$50 per day

SECTION	POSITION
COMMAND & GENERAL STAFF	SAFETY OFFICER (SOF2t)
	INFORMATION OFFICER (PIO2t)
	LIAISON OFFICER (LOFRt)
PLANS	PLANS SECTION CHIEF (PSC2t)
	RESOURCE UNIT LEADER (RESLt)
	SITUATION UNIT LEADER (SITLt)
	STATUS CHECK-IN RECORDER (SCKNt)
	DEMOBILAZATION UNIT LEADER (DMOBT)
	DOCUMENTATION UNIT LEADER (DOCLt)
	TRAINING SPECIALIST (TNSPt)
LOGISTICS	LOGISTICS SECTION CHIEF (LSC2t)
	SUPPLY UNIT LEADER (SPULt)
	GROUND SUPPORT UNIT LEADER (GSULT)
	EQUIPMENT MANAGER (EQPMT)

Special Thanks

Thank you to all the supporters of the Arizona Wildfire and Incident Management Academy, whose generous contributions have enabled us to provide such a quality training event

- Federal:** Bureau of Indian Affairs; Bureau of Land Management; National Weather Service; US Fish and Wildlife Service; US Forest Service; US Park Service
- State:** Office of the Governor; Arizona Division of Emergency Management and Homeland Security; Arizona Division of Forestry Department; Office of the State Fire Marshall
- County:** Yavapai County Board of Supervisors; Yavapai County Emergency Management
- Local:** Arizona Public Service (APS); Bob Lee Tree Service; Central Yavapai Fire District; Groom Creek Fire District; Kieckhefer Foundation; Ponderosa Fire Advisory Council; Prescott Fire Department; Prescott National Forest; Prescott Area Wildland/Urban Interface Commission; Highlands Fire District; Prescott Downtown Partnership; Prescott City Council; Quail Corp.; Summit Fire District; Yavapai College
- Associations:** Arizona State Fire Training Committee; Associated Firefighters of Arizona; Arizona Fire Districts Association; Arizona Fire Chiefs Association
- Academies:** Colorado Wildfire & Incident Management Academy; New York Wildfire and Incident Management Academy; Texas Interagency Wildfire Academy; Utah Wildfire Academy

NWCG INTERAGENCY TRAINING NOMINATION

INSTRUCTIONS: Complete Part I, Part II and Part III.

Nominations due by January 15, 2010

PART I TRAINING NOMINATION		
Course name: (You may list more than one course if they do not overlap.)	(If sending more than one nomination for a class, you must rank them by priority.) PRIORITY _____ of _____ List alternate choices:	
Course date(s):	Course location: Embry-Riddle Aeronautical University	Course tuition: (\$60.00 per day before 1/15)
Academy Coordinator: Tony Sciacca	Academy phone: (Voice/Fax) 928-442-3563 / Fax 928-771-0407	Academy e-Mail: info@azfireacademy@cableone.net
Nominee's name:		Date submitted:
Working job title:	E-mail address: Fax number:	
Agency: (name and address – include district office name)	Nominee's mailing address: (All correspondence will be sent to the agency unless otherwise specified.)	
Telephone:	Alternate telephone:	
List completion dates for course prerequisites pertinent to this course: (see course description for prerequisites) Example: for S-230 Crew Boss S-131 3/1999 S-290 5/2000		
List your past position qualifications or completed taskbooks pertinent to this course: Example: for S-230 Crew Boss FFT1(Squad Boss) 10/2001 Refer to the 310-1 qualifications reference guide: www.nwcg.gov/pms/docs/pms310-1.pdf		
Nominee's signature: (I will notify the AWA & Unit Training Representative if I am unable to attend.)		
Sign: Supervisor's signature: (I certify that the nominee meets the prerequisites, or if not, I will put the reasons for attending the course in Remarks.)		
Sign:	Print name:	Phone #:
Remarks: (Use this box to explain the importance of taking this course.)		
<i>You must be at least 18 years old to attend</i>		

Course name: _____ Nominee name: _____

Note: The AWA is a non-profit organization. We use the NWCG nomination form for consistency, but the job/charge codes are for your internal use. **Payment is requested at the time of submission.** Anyone interested in our **Scholarship Program**, please submit the request form posted on the website with your nomination for consideration – www.azwildfireacademy.org

PART II AGREEMENT TO COLLECT FUNDS:

Please check the section appropriate to the legal authority to collect monies and complete the address/signature block. This form must be signed by an individual with authority to sign agreements and obligate the funds listed. Note: Tribal governments are not covered by the Intergovernmental Cooperation Act of 1968.

NON-FEDERAL AGENCIES: Fire department, contractor (individual), state, local government engaged in fire suppression and protection of public lands. This training, payment and collection is duly authorized under the Intergovernmental Cooperation Act of 1968 as amended by the act of September 13, 1982, (P.L 97-258), Section 6505. The NWCG Interagency Training Nomination constitutes written request and it is understood the bill for the training will consist of tuition plus all other identifiable costs as provided by law. Authorizing signature is also certifying services requested cannot be procured reasonably and expeditiously through ordinary business channels and funds are available. Provider's signature certifies the agency is offering similar services for its own use.

Complete Charge Code/Purchase Order #: _____

FEDERAL AGENCIES: This training, payment and collection is duly authorized under Section 601 of the Economy Act of June 30, 1932, (31 USC 1535) as amended. The NWCG Interagency Training Nomination constitutes the required written request and it is understood the bill for the training will consist of tuition plus all other identifiable costs as provided by law. Authorizing signatures is also certifying services requested are in the best interest of the United States, cannot be procured by contract as conveniently or cheaply from a commercial source and appropriate funds are available for this purpose. Provider's signature certifies the agency is offering similar services for its own use.

Complete Charge Code (Include required fiscal references) _____

Billing/credit card statement address if different from agency, sponsor or registrant address.):

Authorized to expend funds listed above (If required by your fiscal department):

Signature _____ Date _____ Title _____

Agrees to provide training requested (If required by your fiscal department):

Signature _____ Date _____ Title _____

Part III Financial:

Student cost **\$60 per day**
Late fee applies after January 15 **\$70 per day**

Trainee cost (see back page) **\$40 per day**
Late fee applies after December 15 **\$50 per day**

Make checks payable to: **Arizona Wildfire Academy**
Federal Tax ID# 81-0579793

_____ Days @ \$60/70 per day student = \$ _____

_____ Days @ \$40/50 per day trainee = \$ _____

Total \$ _____

Confirmation letters and pre-work (if any) will be sent after January 15, 2010.

Credit card number: _____

Expiration date: _____ Cardholder signature: _____

Street number and zip _____ Printed name: _____

(of credit card statement) **Discover, Visa and Master Card Only**

Refund/cancellation policy: No refunds will be given to "no shows." Substitutions are possible with qualified students from the same agency. Refunds given with 30 days' notice, to give those on the waiting list time to fill in. **NO REFUNDS FOR CANCELLATIONS AFTER JANUARY 15, 2010** It is the responsibility of the STUDENT to meet the prerequisites and complete any pre-work prior to the start of the class, or the deadline set by the instructor.

Please contact us with any questions at info@azwildfireacademy@cableone.net or 928-442-3563.

Submit to: Arizona Wildfire Academy ♦ 1700 Iron Springs Road ♦ Prescott AZ 86305 ♦ Fax: 928-771-0407♦

Course Schedule

Course #	Course Name	Sat 3/13	Sun 3/14	Mon 3/15	Tues 3/16	Wed 3/17	Thurs 3/18	Fri 3/19	Pre requisites	Pre work
I-400	ADVANCED ICS								I-300	no
L-180	HUMAN FACTORS ON THE FIRELINE (am) 0800 - 1200								None	no
L-180	HUMAN FACTORS ON THE FIRELINE (pm) 1230 – 1630								None	no
L-280 A	FOLLOWERSHIP TO LEADERSHIP			FIELD					L-180	yes
L-280 B	FOLLOWERSHIP TO LEADERSHIP					FIELD			L-180	yes
M-410	FACILITATIVE INSTRUCTOR								None	no
P-110	ASSESSING WILDFIRE HAZARDS IN THE HOME IGNITION ZONE									
RX-301	PRESCRIBED FIRE IMPLEMENTATION						FIELD		See description	yes
RX-341	PRESCRIBED FIRE PLAN PREPARATION		FIELD	FIELD					See description	yes
S-130/190 A,B,C,D	BASIC FIREFIGHTING AND WILDLAND FIRE BEHAVIOR					NIGHT OPS	FIELD		I-100	no
S-131/133A	ADVANCED FIREFIGHTER TRAINING								FFT2	no
S-131/133B	ADVANCED FIREFIGHTER TRAINING								FFT2	no
S-200	INITIAL ATTACK INCIDENT COMMANDER								SRB	no
S-211	PORTABLE PUMPS AND WATER USE						FIELD		None	no
S-212A,B	WILDFIRE POWER SAWS				FIELD	FIELD			FFT2,CPR, First Aid	yes
S-215	FIRE OPERATIONS IN THE URBAN INTERFACE			FIELD					See description	no
S-230	CREW BOSS (SINGLE RESOURCE)								S-290,FFT1	no
S-231	ENGINE BOSS(SINGLE RESOURCE)								S-230, FFT1	yes
S-234	IGNITION OPERATIONS						FIELD		S-290	no
S-244	FIELD OBSERVER							FIELD	See Description	yes
S-260 A	INTERAGENCY INCIDENT BUSINESS MANAGEMENT								None	no
S-261	APPLIED INTERAGENCY INCIDENT BUSINESS MANAGEMENT								None	no
S-270	BASIC AIR OPERATIONS								None	no
S-290 A	INTERMEDIATE WILDLAND FIRE BEHAVIOR								S-190	no
S-290 B	INTERMEDIATE WILDLAND FIRE BEHAVIOR								S-190	no
S-330	TASK FORCE/STRIKE TEAM LEADER								SRB	yes
S-346	SITUATION UNIT LEADER								ICT4 OR STL	yes
S-356	SUPPLY UNIT LEADER								ORDM, RCDM	no
S-357	FOOD UNIT LEADER								None	no
S-358	COMM UNIT LEADER								COMT, INCM	no
S-390 A,B	INTRO TO FIRE BEHAVIOR CALCULATIONS						½ DAY		S-290, SRB	no
S-400	INCIDENT COMMANDER								See Description	no
S-403	INTRO TO INCIDENT INFORMATION			1/2 DAY				1/2 DAY	S190	no
S-430	OPERATIONS SECTIONS CHIEF								DIVS	no
CPR	BASIC CPR AND FIRST AID								none	no
	CLASS A FOAM					FIELD	FIELD		None	no
GPS	GLOBAL POSITIONING SYSTEMS		FIELD	FIELD	FIELD				None	no
	DUDE FIRE STAFF RIDE	FIELD							None	no

COURSE DESCRIPTIONS

I-400 Advanced ICS Course directs the student towards an operational understanding of large single-agency and complex multi-agency/multi-jurisdictional incident responses. Topics include fundamentals review for command and general staff, major and/or complex incident/event management, area command, and multi-agency coordination.
Pre-requisites – I-300

L-180 Human Factors on the Fireline Course designed for unit-level supervisors to use when delivering orientation training to new crew members. Topics include: situation awareness, basic communication responsibilities, attitude and stress barriers, decision-making process, and teamwork principles.

L-280 Followership to Leadership Course 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 (Field Leadership Assessment Course). Topics include: leadership values and principles, transition challenges for new leaders, situational leadership, team cohesion factors and ethical decision-making. **Prerequisites – Experience on incident assignments in Operations or support functions , (L-180), successful completion of pre-course work.**

M-410 Facilitative Instructor Course is designed to help students become effective facilitative instructors. The purpose of this course is to improve training quality by presenting instructional methods with an emphasis on student-oriented adult training techniques. This course is designed for students to meet NWCG instructor requirements.

P-110 Assessing Wildfire Hazards in the Home Ignition Zone 3-day workshop covers the myths of wildland/urban interface fire, the history and context of W/UI fire disasters, sequential elements of a W/UI fire disaster, research and case studies, risk factors in the home ignition zone, information needed to conduct an assessment, the general health of the ecosystem, inspecting the home ignition zone, accessibility in case of a wildfire emergency, documenting an assessment, and much more. This workshop also includes Q & A, class discussion, and three classroom exercises where participants will perform home ignition zone evaluations, practicing the information they have learned.

RX-301 Prescribed Fire Implementation 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 position task book for prescribed fire burn boss. It leads the student through the duties and responsibilities associated with the position of the prescribed fire burn boss including evaluation and implementation of a prescribed fire plan.
Pre-requisites–FIRB, ICT4, S-390, proficient in the use of BehavePlus, successful completion of pre-course work

RX-341 Prescribed Fire Plan Preparation Course provides 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. **Pre-requisites – S-390, proficient in the use of BehavePlus, successful completion of pre-course work. Fire personnel must be qualified ICT4, resource personnel must have knowledge of fire suppression principles and techniques**

S-130/190 Basic Firefighter Training and Wildland Fire Behavior Course designed to train entry-level firefighters. Students will be introduced to and gain knowledge of the basic incident management organization, fire-fighting techniques, suppression equipment, safety, strategy/tactics and basic fire behavior. Field exercises will be performed for valuable hands-on training, including night operations. (Includes L-180 Human Factors on the Fireline)
Pre-requisites – I-100

S-131/S-133 Advanced Firefighter Training Course designed for the Advanced Firefighter/Squad Boss (FFTI) and Incident Commander Type 5 (ICT5). It is an interactive course and contains several tactical decision games designed to facilitate learning the objectives and class discussion. Topics include: fireline reference materials, communications and tactical decision making. **Prerequisite – S-130/190 Firefighter Type 2 (FFT2).**

S-200 Initial Attack Incident Commander Course provides students with the tools and techniques to make the transition from Single Resource Boss to Incident Commander. **Prerequisite – Any Single Resource Boss.**

S-211 Portable Pumps & Water Use Course designed to give the students practical knowledge and application skills of portable pump operations. Field exercises will train student in the setup and operation of a portable pump along with foam applications.

S-212 Wildfire Power Saws Course provides introduction to the function, maintenance and the 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 experience in operating a chain saw, providing hands-on cutting experience in surroundings similar to fireline situations. **Prerequisites – Firefighter Type 2 (FFT2), current CPR and Basic First Aid certification.**

S-215 Fire Operations in the Urban Interface Course 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 Incident Commander Type 4 (ICT4) and Strike Team Leader. **Prerequisites – Single Resource Boss qualified and structural fire departments should complete I-100, L-180, S-130/190, S-131.**

COURSE DESCRIPTIONS

S-230 Crew Boss Course designed to produce student proficiency in performance of all duties associated with the single resource boss position, from initial dispatch through return to the home unit. Topics include: preparation and mobilization, assignment preparation, tactics and safety, off-line duties, demobilization and post-incident activities.

Prerequisites – Advanced Firefighter/Squad Boss (FFT1), S-290.

S-231 Engine Boss Course provides proficiency in performance of the duties associated with the Engine Boss, Single Resource (ENGB) position. Topics include: identifying engine/crew capabilities and limitations, information sources, fire size-up considerations, tactics and wildland/urban interface. **Prerequisites – S-230, FFT1.**

S-234 Ignition Operations Course provides training in the functional roles and responsibilities connected with firing operations including planning, ignition procedures and techniques and equipment applicable to wildland and prescribed fire. This course also addresses the role of the ignition specialist or firing boss as the organization manages escalation from a non-complex fire situation. Note: This course is not intended to qualify or certify any personnel in the use, storage or transport of any firing device. If weather permits, a field exercise and/or prescribed fire will be included. **Prerequisites – S-290.**

S-244 Field Observer Course provides the student with the skills necessary to perform as a field observer (FOBS) and/or a 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. **Prerequisites – S-290, Understanding how to use a GPS, Any Single Resource Boss or FFT2.**

S-260 Interagency Incident Business Management Course discusses management principles associated with incidents. It includes: employee responsibilities and conduct, personnel time recording; pay and commissary, correct reporting procedures for injuries, procurement and equipment time recording, property documentation, cooperative agreements with other agencies and claims/accident investigation.

S-261 Applied Interagency Incident Business Management Course designed to provide the prerequisite skills necessary to perform the task of the entry level finance position. It is designed to be taken after completion S-260

S-270 Basic Air Operations 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. Note: The regulations, procedures and policies addressed in this course are primarily those governing federal agency and ICS operations. State, county, or other political subdivisions using this course will need to consult their agency having jurisdiction with respect to regulations, procedures and policies. **FFT1 and successful completion of pre-course work.**

S-290 Intermediate Wildland Fire Behavior Course is 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. **Pre-requisite – S-190.**

S-330 Task Force/Strike Team Leader Course designed to meet the training requirements outlined in the PMS 310-1, Wildland Fire Qualification System Guide and the position task books developed for the positions of task force leader and strike team leader. Examples and exercises in this package are specific to wildland fire suppression. If students are expected to perform in some other risk area, exercises and examples appropriate to the expected risk areas should be added. **Pre-requisites – SRB and Pre-Course work.**

S-346 Situation Unit Leader Course starts with how to activate, set up, organize, manage, and demobilize a situation unit. It then addresses the products (maps, ICS-209, and other reports) the Situation Unit produces, as well as the technology that is needed to produce the products. One component of the pre-course work is for students to read and complete the exercises in *Basic Land Navigation* (NFES 2865). **Pre-requisite - ICT4 or Strike Team Leader**

S-356 Supply Unit Leader Course is designed to prepare students to perform the duties of managing the incident supply unit. **Pre-requisites – ORDM and RCDM**

S-357 Food Unit Leader Course is designed to meet the training needs of a food unit leader (FDUL). Topics include information about the assignment, coordination, general information, safe food handling, national contract administration, alternate feeding methods, and demobilization. A significant portion of this course is devoted to examining the administration of the National Mobile Food Services Contract as it applies to the FDUL.

S-358 Communications Unit Leader Course is designed to provide skills and knowledge needed to perform in the role of communications unit leader (COML). Topics include mobilization, establishing the communications unit, communications system design and ordering, communications system installation and maintenance, communications equipment assignment and accountability, incident communications center, internal and external coordination, demobilization, and current communications issues and technology. **Pre-requisites – COMT and INCM**

S-390 Introduction of Fire Behavior Calculations course is designed to introduce fire behavior calculations by manual methods using nomagrams & the Fire Behavior Handbook App B. Students learn how to interpret fire behavior outputs, documentation processes, and fire behavior briefing components. **Prerequisites – S-290.**

ARIZONA WILDFIRE & INCIDENT MANAGEMENT ACADEMY

1700 IRON SPRINGS ROAD, PRESCOTT AZ 86305

Registration Due By:
January 15, 2010

Late registration fee after January 15
Register on-line
azwildfireacademy.org

PRSR. STD.
U.S. POSTAGE
PAID
PRESCOTT, AZ
PERMIT NO. 134

COURSE DESCRIPTIONS—CONTINUED

S-400 Incident Commander Course describes the role of the incident commander to manage type 2 incidents. Topics include team administration; communication, information and intelligence processing; agency administrator and IC responsibilities; transfer of command; and demobilization. The course provides exercisers to assist students in acquiring the knowledge to learn these skills. **Pre-requisites – ICT3, Section Chief Type 2**

S-403 Intro to Incident Information Course meets the training requirements for a public information officer type 2 (PIO2). Topics include information organization and assignment, developing a communications strategy, information operations, creating a safe environment, effective media relations, incident within an incident, community relations analysis, documentation, demobilization, and transitioning. **Pre-requisite - S-203**

S-430 Operations Sections Chief Course is designed to meet the training needs of the operations section chief type 2 (OSC2). This course is designed to be interactive in nature and contains several exercises designed to facilitate group and classroom discussion. **Pre-requisite - DIVS**

Class A Foam Tactics & Use in the Wildland Course is designed to cover all aspects of class A foam use in wildland fire. Topics include: basic foam properties; safety; equipment including proportioners; aspirating systems and Compressed Air Foam Systems (CAFS.) Hands-on activities will include assembling foam systems to produce various types of foam, tabletop exercises, and wildland foam application exercises including structural protection. (Arizona State Fire Marshal's Office Certified Course, Non-NWCG Course)

Basic CPR and 1st Aid Course is available for students participating in Wildfire Power Saws (S-212), Medical Unit Leader (S-359), or anyone interested in obtaining this certificate for Basic CPR and 1st Aid for general purposes.

GPS – Global Positioning Systems for Fire Management—Course targets the Single Resource Boss; provides the student with advanced level of knowledge and skills necessary for land navigation with a GPS unit. Highly recommended for students attending Field Observer or who would like to learn or update their skills using a GPS unit. Non-NWCG Course.

Dude Fire Staff Ride—An adaptation of the military concept of the "staff ride" for the study of near miss and fatal forest fires. The basic ingredients of a successful staff ride are a preliminary study of the wildland fire, and a tour of the site, where participants integrate the various things they have personally learned about the fire from both the reading and the tour.

**NWCG Courses are available to your department
through the Academy throughout the year, as time allows.**