



Your “Wildland Firefighter 2”[®] DVD-ROM Instructional Kit will include:

- 21 comprehensive DVD-ROM's: Addressing each module of NWCG S-130 (2003 edition) and S-190, individually.
- Included within each DVD-ROM:
 - Multimedia Hybrid PowerPoint™ presentation
 - Instructor Guide *with Instructional Action Plan*
 - Student Study Guide *with Student Action Plan*
 - Module exam
 - NWCG S-130 Instructor Outline (PDF)
 - NWCG S-190 Instructor Outline (PDF)
 - Full length wildland fire video following the “Firefighter’s Handbook on Wildland Firefighting”
 - Additional supplemental information (if applicable)
- 1 set of “Firefighter’s Handbook on Wildland Firefighting” Flash cards
- 1 NWCG Fireline Handbook
- 1 NWCG Incident Response Pocket Guide
- NWCG S-130 stickers and cards

Instructor Tips and Information

As an Instructor, you are now armed with the most complete training system available to help your firefighters achieve the written “Red-Card” certification requirements.

Your new “Wildland Firefighter 2” DVD-ROM instructor enhancement tool kit is easy to use and very comprehensive.

Here are some tips and ideas to help you get started while utilizing the Wildland Firefighter 2 NWCG/ NIMS S-130 and S-190 instructor enhancement tool kit:

- The DVD-ROM Wildland Firefighter 2 enhancement kit can be used by fire departments for both traditional classroom delivery and student self study.
- The entire DVD-ROM NWCG enhancement tool kit is designed around the most recent Instructional Outlines of NWCG S-130 and S-190 “Red-Card” Qualification system, as well as the standards of NFPA 1051, and has been designed to ensure standardization of delivery world-wide.
- The program has also been designed to address the specific needs of the Fire Service directly in recognizing essential core curriculum, which must be delivered for structural firefighters to meet NWCG/ NIMS “Red-Card” qualifications, in retrospect to skills learned in initial fire academy training.
- The Instructor Guides, for the “Wildland Firefighter 2” enhancement program are designed to aid the instructor in ensuring standardized delivery, module syllabus, data code/ recordkeeping documentation, module references, curriculum standards, terminal objectives, instructor action planning, corrected answers to the Student Study Guide.
- The Student Study Guides, for the “Wildland Firefighter 2” DVD-ROM enhancement program are designed to aid the student in standardization of module instruction, expectations of core curriculum objectives, module reference material, and a systematical path flow of presentational study guide information for the student to follow along with and complete. The Student Study Guide also delivers module exams, reinforcing the concepts and information presented throughout each lesson. Completing the Student Study Guide draws attention to key topics, including practical situations for the student to work through, as well as chapter review and performance skill evaluations, which stress the verification of the student’s subject retention.
- The 23 videotapes embedded within the multimedia hybrid PowerPoint presentations and which are enclosed within each DVD-ROM are the visual elements that work in conjunction with, and reinforce, each chapter of the Firefighter’s Handbook on Wildland Firefighting.
- The flash cards are a great study and reinforcement tool that can be used individually or in-group training.

- At the end of each Student Study Guide, we have provided you with written module evaluation to verify the student learned knowledge and for the preparation of the FINAL written qualification exam that is proctored by the proper agency for your region with the authority to give the examination and issue your red cards.
- **It is recommended that students participating in the training have their own “Firefighter’s handbook on Wildland Firefighting” (textbook) and have printed out the appropriate Student Study Guide for the module being delivered to ensure a complete and positive learning experience. It is also recommended that departments invest in 1 set of flash cards for every 5 students as a minimum.**
- Additional textbooks, study guides, flash cards and other Wildland training materials are available for purchase. Look for an order form in this package.

DVD-ROM Module Specific Information

Below is a description of each of the 21 training modules in your Wildland Firefighter 2 DVD-ROM Instructor Tool kit.

Module 1A - Logistics and Module Overview – Duration: 15 minutes

This module has been designed in parallel and as an enhancement tool with NWCG FFT2 “Firefighter Training” S-130, developed by an interagency team composed of representatives from state and federal agencies. This module section is to introduce the Wildland Firefighter Type 2 student to the module topics established in S-130 and S-190 and to establish the required performance levels and administrative concerns involving instructor/ student expectations and the delivery processes of the S-130, L-180, S-190 and I-100/ 200 module curriculum, objectives and performance skill evaluations.

Module 1B - Basic Terminology - Duration: 15 minutes

This module focuses on presenting the student with common terminology utilized within the wildland fire industry to define, comprehend, and enhance verbal communications within the understanding, for the student, of fire behavior terms, fire nomenclature and to present terminology which educates the student in the knowledge of useful firefighting terms. This module has been designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Lesson B (0B.1), which was developed by an interagency team composed of representatives from state and federal agencies.

Module 1C - Firefighter Preparedness - Duration: 1 hour

This module focuses on presenting the student with information on the importance of proper care, use and maintenance of Personal Protective Equipment, personal essential gear for deployment and extended durations of deployment, accountability of assigned gear, benefits of maintaining a high level of physical fitness, the importance of nutrition and hydration, and adequate organization and housekeeping while employed as a wildland firefighter. This module has been designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 1, which was developed by an interagency team composed of representatives from state and federal agencies.

Module 1D - Introduction to ICS - Duration: 1 hour

This module has been designed to focus on the basic introduction and overview of the Incident Command System (ICS), now incorporated as a part of the National Incident Management System (NIMS). The student will be instructed in the definitions describing the terms/ nomenclature of “Chain of Command,” “Incident,” and “Roles and Responsibilities” within the ICS management system. The student will be lead through a discussion outlining how the incident management structure is organized; the student will learn the general responsibilities of each section in the Incident Command System (ICS); and will be instructed in all of the positions above the firefighter level in the chain of command. This module has been designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 2, which was developed by an interagency team composed of representatives from state and federal agencies.

Module 1E -Resource Types – Duration 30 minutes

This module has been designed to discuss with the student the types of fire crews utilized within the wildland fire environment for initial attack and extended attack fire suppression activities, and to discuss issues and thought processes surrounding the importance of respecting all cultures in the fire community, including food, standards of behavior, dress, and customs. This module has been designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 3, which was developed by an interagency team composed of representatives from state and federal agencies.

Module 2A – Watch-Out Situations and Fire Orders – Duration: 2 hours

This module has been designed to deliver essential information within the mandatory area of Wildland Fire Safety: 18 Watch-Out Situation, and the 10-Standard Fire Orders. This module has been designed to deliver to the student a foundation of general knowledge and understanding within the subjects/ topics of identifying common denominators of fatality fires; ability to describe and recognize 18 Watch-Out Situations, and the ability to prioritize the “10 Standard Fire Orders. This module has been designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 4, Lesson A: “Watch Out Situations and Fire Orders,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 2B - LACES – Duration: 1 hour

This module has been designed to deliver essential information within the mandatory area of Wildland Fire Safety: LACES. This module is designed to deliver to the student essential knowledge, understanding and comprehension in the application of LACES in retrospect to the 18 Watch-Out Situations and 10 Standard Fire Orders. The standard Firefighter Training curriculum S-130 refers to this topic as LCES. ATSI has enhanced this section by utilizing the word “Awareness” as an intricate part to Firefighter Safety. Therefore, the acronym LCES in this curriculum package is herein referred to as LACES. This module has been designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 4, Lesson B: “Watch Out Situations and Fire Orders,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 2C – Fire Shelter – Duration: 1 hour

This module has been designed to deliver essential information within the mandatory area of Fireline Safety: “New Generation Fire Shelter”. This module has been designed to deliver to the wildland student qualified information in the use, care, maintenance and deployment of the “Fire Shelter.” The video encompassed within this module was developed by the Missoula Technology & Development Center (Leslie Anderson, Project Lead). The video, “New Generation Fire Shelter” addresses specifically how firefighters should use, care and deploy their fire shelter as a last resort for their survival. This module covers techniques for correct shelter deployment, recognition to help prevent entrapment, steps to take in case of an entrapment, and the care and inspection of the Fire Shelter. The injection of this video into the “Wildland Firefighter 2” program was specifically selected because of its accurate content and educational value. We include the video “New Generation Fire Shelter” within the program package at a no fee assessment to our customers. The value of this module is priced reflecting ATSI’s PowerPoint presentation only. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 4, Lesson C: “Fire Shelter,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 2D – Transportation Safety – Duration: 30 minutes

This module has been designed to deliver essential information within the mandatory area of Fireline Safety: “Transportation Safety”. This module has been designed to deliver to the wildland student qualified information in precautionary steps the wildland firefighter must adhere to while working in, on, or around vehicles boats, helicopters, fixed-wing aircraft or while on foot. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 5: “Transportation Safety,” which was developed by an interagency team composed of representatives from state and federal agencies to be proactive in the reduction of wildland fire fatalities caused by transportation.

Module 2E – Human Factors/ Risk Management on the Fireline – Duration: 3 hours

Wildland firefighting is a dynamic and dangerous job. It requires that you be thoroughly familiar with the hazards of the fireline and the surrounding area. Your life and the lives of others may depend upon your ability to recognize a dangerous situation long before it develops. This module is specifically designed to focus in on the impacts of minimizing the exposure to known hazards, recognition of hazards and their control, and on the safety aspects of “Risk Management” and “Human Factors” within the occupation of wildland fire environment. The primary purpose of this module is to establish a level of safety awareness within each student of human performance issues and how they can impact the wildland firefighter in fireline job performance. This module addresses human performance content that relates to the individual, including situational awareness, communication, decision-making, risk management and team work skills. The desired outcome of this training is improved awareness of human performance issues on the fireline so that individual firefighters can integrate more effectively into teams/ crews working in dynamic, high-risk environments. This module may also be used as a pre-module study program by personnel who will be continuing their training with additional modules. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 4, Lesson D: “Potential Hazards and Human Factors,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 3A – Hand Tools – Duration: 1 hour

This module will explore and discuss the use of “Hand Tools” used in wildland firefighting. The student will learn five hand tools used in wildland firefighting, along with the techniques used in the care use and maintenance of hand tools. Discussions will enhance the student’s awareness of safety precautions to take while utilizing hand tools individually and while working within a group. The module is designed to inform students in the essential procedures of transferring/ passing hand tools, proper spacing, and tool placement while working on the fireline. The instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional units. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 6: “Hand Tools,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 3B – Firing Devices – Duration: 1 hour

This module is designed to discuss the use, care and maintenance of firing devices, including hazards associated with the use of a fusee, a full demonstration or simulation of how to ignite, use, and extinguish a fusee, the module will instruct the student in the four hazards to operators when using a drip torch, instruct the student on proper mixing ratios for ensuring proper fuel mixture for a drip torch used for prescribe burning activities, teach the student on how to prepare a drip torch for ignition and use, identify and deliver safety precautions to take while using firing devices, instruct how to properly extinguish a drip torch, and explain two expedient methods to use for igniting wildland fires. The instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 7: “Hand Tools,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 3C – Radio Communication – Duration: 1 hour

This module is designed to instruct the wildland firefighter student in the use, care and accountability of “Radio Communication” within the wildland fire environment. In this instructional module, the student will receive valuable information in the delivery of information that is essential to the understanding of transmitting and receiving radio transmissions, including identifying types of radio equipment used in wildland fire incidents, awareness of assigned frequencies to a wildland fire event and how they affect radio communications, discuss the main elements of proper radio use procedures, demonstrate how to transmit a message clearly using proper radio procedures and language, assist the student in describing ways to trouble shoot and discuss trouble shooting practices used to improve radio reception or transmission, and describe precautions and care to protect the radio from damage. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional advanced courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 10B: “Radio Communication,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 3D – Water Delivery – Duration: 3 hours

This module addresses the elements of “Water Delivery” within the wildland fire interface. This module will instruct the student/ group in the demonstration of how to properly operate and maintain the fire pump, how to correctly identify common hose components and accessories, explain the process of correctly unrolling hose, demonstrate the use of a hose clamp and/or field-expedient method to restrict water flow in a charged line, explain and demonstrate the two hose lay methods used in wildland firefighting practices, correctly identify the water use hand signals, demonstrate the nozzle settings for straight stream and fog spray, describe a fire situation when the straight and fog spray nozzle water streams would be used, explain protective measures for hose and fittings when in use or being transported, discuss common hazards to hose lays, how to retrieve deployed hose using two methods; i.e., watermelon roll, firefighters’ carry, and figure 8 methods, and how to identify and mark non-serviceable sections of hose and couplings. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 8: “Water Use,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 4A – Elements of Fire, Fuels, and Topography – Duration: 3 hours

This module has been designed to deliver an “Introduction to Wildland Fire Behavior: “Elements of Fire, Fuels and Topography©,” which is the basic foundation building-block of knowledge in which a wildland firefighter must have to be able to perform safely and to predict the start and spread of wildland fire. The terminal objectives for this module (4A) are to deliver to the group/ student knowledge in understanding the functional elements of the Fire Triangle and Fire Tetrahedron, the module will discuss the characteristics of Heat Transfer, environmental elements which impact wildland fire behavior, Topography, Arrangement and Impacts of Fuels, Fuel Loading and a discussion on dangerous conditions that can develop within the wildland fire environment. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional advanced courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-190: Introduction to Wildland Fire Behavior, Module 1: “Fire Behavior Factors Affecting the Start And Spread of Wildland Fire,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 4B – Fire Weather – Duration: 3 hours

This module has been designed to deliver essential information within the fire behavior science of “Fire Weather.” This module is designed to deliver to the student a foundation of general knowledge and understanding within the subjects/ topics of the characteristics of Cold Fronts, common wind conditions and types, thunderstorms and their impact of wildland fire behavior, daily cycles of slopes and valleys, Relative humidity and its impact on fire behavior. The module will also present essential information in wildland fire environmental indicators that can produce problems and extreme fire behavior. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional advanced course work. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-190: Introduction to Wildland Fire Behavior, Module 2: “Fire Weather,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 5A - Fire Suppression and Fireline Construction – Duration: 3 hours

This module instructs the group/ student in Fire Suppression Techniques and Fire line Construction; NWCG S-130, Module 9. This module has been designed to deliver essential information pertaining to methods of attack on a wildland fire, suppression techniques and uses, fireline concepts, effective fire control lines, threats/ hazards to an existing control lines, proper follow-up procedures for dozer and tractor plow firelines, coordinated crew techniques, safety procedures to follow in retardant/ water drops events and while working around engines, tractor plows, and dozers. Module demonstrations will include the proper use of appropriate hand tools during fire suppression activities, and demonstrate the construction of a cup trench on a steep slope. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional advanced courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 9: “Suppression,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 5B – Patrolling and Securing the Fireline – Duration: 3 hours

This module instructs the group/ student in Patrolling, Mop-up and Securing the Fireline; NWCG S-130, Module 10A and Module 11. During this first section, Section “A”, of this module, the student will be instructed in the proper ways to communicate with designated personnel, discuss a systematic method of locating spot fires, and will be instructed in specific considerations when patrolling a fire. During the second section of this module the student will learn essential information pertaining to how to extinguish burning materials by chopping, scraping, and mixing them with soil and water, precautions and techniques to utilize when applying water to hot materials, the application of a systematic method for mop-up operations, a discussion in the understanding of how to utilize the four human senses which can aid in detecting burning materials, importance of breaking up and dispersing machine piles and berms adjacent to the control line, the techniques of cold trailing on a simulated fire perimeter, the environmental factors that determine the amount of additional work required for a water or retardant line, and a demonstration on constructing a control line and ways to strengthen the line to facilitate holding by rearranging and fireproofing fuels adjacent to the line. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 10A “Patrolling” and 11: “Mop-up and Securing the Fireline,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 6A – Interface Fire Safety – Duration: 2 hours

This module instructs the group/ student in Wildland Urban Interface Safety strategies and firefighting, including identifying and recognizing the tactical modes of Interface firefighting, categories of structure triage, the nine wildland urban interface “Watch-Out” situations when you are assigned to size-up an interface fire. This module will also discuss and identify hazardous materials commonly found within the urban Interface and the module will discuss personnel safety concerns in wildland/urban interface fires. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 14: “Wildland/Urban Interface,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 6B – Hazardous Materials Awareness – Duration: 1 hour

This module has been designed specifically to deliver essential information to the wildland firefighter in Recognition and Identification (R&I) of hazardous materials within a wildland fire incident. The module will discuss developing a definition of what a Hazardous Material is, and clues to watch-out for when you are in the proximity of hazardous materials, and the module will define your role and responsibility as an emergency response provider in wildland fires/ urban interface incidents. This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 13: “Hazardous Materials Awareness,” which was developed by an interagency team composed of representatives from state and federal agencies.

Module 7A – Demonstration and Field Exercise – Duration: 7 hours

This module has been designed specifically to deliver essential hands-on performance skill training that is vital to the understanding and survival of the wildland firefighter. This training module is performance base and requires active and alert participation in demonstrating the proper travel procedures en-route to and from a fire, the proper use, handling, and maintenance of Handtools, demonstrating as a group, constructing a progressive and leap-frog style handline, performing simple and progressive hoselays, explaining and identifying, when requested, the correct select secure escape routes to promptly utilize when required through threat recognition to retreat to a safety zone, and actively participate in an “Lessons Learned Review.” This instructional module may also be used as a pre-course work study program by personnel who will be continuing their training with additional advanced courses. This module has been specifically designed as an enhancement tool, and pursues a parallel path to the curriculum of NWCG “Firefighter Training” S-130, Module 12: “Fire Exercises,” which was developed by an interagency team composed of representatives from state and federal agencies.

Additional Wildland Fire Training and Informational Resources**Final Written Examination**

Wildland Firefighting 2 Written Exam Service and Data-Basing: \$19.95 per student + S/H

The final written examination has been written specifically for the Wildland Firefighter 2 Instructor Toolkit, meeting and exceeding the final examination requirements of S-130, S-190, I-100 and L-180. The final written examination contains 100 validated questions selected from ATSI’s 500 question validated exam data-base. Included within the written examination package is the complete service of NFTCA’s student verification and information data-basing. Upon NFTCA’s verification of the student’s successful completion of the required S-130 and S-190 (“Red-Card”) coursework and performance skill based evaluation, NFTCA will data-base the student’s information and examination scores, and issues to the student a national wildland fire qualification card.

Books, Videos and Study Guides

Firefighter's Handbook on Wildland Firefighting, 3rd Edition, by William C. Teie
\$57.95 each

Written for the firefighter who desires a grasp of Wildland firefighting and reference lessons within the Wildland Firefighter 2 DVD-ROM series. This is a must have reference manual for anyone taking a "Red-Card" qualification module or as a reference guide for those wildland firefighters who have primary wildland responsibilities, and those who may intermittently be called into a Wildland fire situation, such as through mutual aid response.

Study Guide for Firefighter's Handbook on Wildland Firefighting, 3rd Edition; William C. Teie
\$19.95 each

This study guide is designed to aid the student in the reinforcement of concepts and information presented in the handbook. It draws attention to key topics, including practical situations for the student to work through, as well as a final examination, which stresses safety.

Wildland Firefighting General Knowledge Flash Cards; William C. Teie.
\$24.95 each

Study anywhere, anytime. This exceptional flash-card set includes 175 question and answer cards which address essential information and important points in which every wildland firefighter must know. The flash card set covers the topic areas of Fire Behavior, basic strategy and tactics of wildland fire, firefighting in the Wildland/urban interface and most importantly safety. The set also addresses questions and answers in Watch-Out Situations, the 10 standard orders, LACES and many other educational points which are important to ensure the safety and survival of your personnel, while aiding in-service training delivery.