

INTERMEDIATE WILDLAND FIRE BEHAVIOR

S-290 – ONLINE COURSE

August 25, 2020

Hosted with assistance of

**Wehr Nature Center
Franklin, WI.**

This Intermediate Fire Behavior Course S-290 is hosted at Wehr Nature Center and by Incident Management Specialist LLC this is an opportunity to learn how to use fire behavior knowledge to safely suppress wildfires and manage prescribed fires.

This course is National Wildfire Coordinating Group (NWCG) certified. The online course work can be completed in approximately fifteen hours (current average), but may vary depending on level of student knowledge.

This S-290 course is the second course in five course sequence developing wildland fire behavior prediction knowledge and skills. It builds upon the basics in S-190, Introduction to Wildland Fire Behavior, but with more detailed information about characteristics and interactions of the wildland fire environment (fuels, weather, and topography) that affect wildland fire behavior for safety purposes.

The online portion of this course consists of a pre-course test and twelve online modules with a test in which each student must successfully complete.

Because of the current Covid 19 environment the delivery of this course will be done online rather than having the students be required to come together in a formal classroom setting.

Therefore, after the student has completed the above online portion of the course, they will need to complete additional course materials sent to them electronically instead of attending a formal classroom session to discuss fuels, weather and topography and complete an exercise to for a specific site in Wisconsin.

After the student has successfully completed all of the online modules and the other the additional online materials, they will receive a certificate.

The Objectives for this course are:

- Identify and describe the characteristics of fuels, weather, and topography that influence wildland fire behavior.
- Describe the interaction of fuels, weather, and topography on wildland fire behavior, fireline tactics, and safety.
- Describe the causes of extreme wildland fire behavior (long-range spotting, crowning, and fire whirls) developing due to fuels, weather, and/or topography.
- Interpret, apply, and document wildland fire behavior and weather information.

The adjusted delivery for this course because of Covid 19 :

The normal schedule for this class for the first three hours in the morning in a classroom setting covering local fuel weather and fire behavior and watching several fire behavior indicator videos.

To cover what is normally covered in the morning of this course the students will be asked to view some online materials covering local fuel, weather and fire behavior and then then complete a test on what they have viewed to cover the first session.

Then for the afternoon session I will send each student a video of James Wood who is our fire weather forecaster in Sullivan, WI. video of his presentation on the Fire Weather Services that the National Weather Service provides to our state. Then each will student to send me any questions that they have after they have viewed the presentation and I will then compile them and send to James Wood for him to answer.

I will send his presentation to each of the students to view and then ask them to complete a test on the presentation.

The last part of this course will have each student a short approximately ten-minute presentation (map, fire weather, ignition sequence, go no go list) on predicting a prescribe fire direction of spread based on given fire weather conditions given for the site.

Then the student will give their presentation to another person (student or coworker) and arrange to have their presentation videotaped and then sent to Ken Terrill for viewing.

By making these adjustments to the course the students will not need to be physically in the classroom to complete this course and receive a certificate.

Target Group:

Personnel desiring to be qualified as any single resource boss or fire effects monitor (FEMO). Upon successful completion of this course, students will earn a NWCG certificate which may be necessary to work on wildfires or to participate in prescribed fires sponsored by some agencies.

Course Prerequisites:

The student must have completed Introduction to Wildland Fire Behavior (S-190).

Completing Pre-course work:

The pre-course work is designed to ensure that students come to class with a basic understanding of the fire environment in order to learn Intermediate Fire Behavior concepts. The pre-course work is divided into seven parts that correspond to questions on the pre-qualifying test. You will need to complete the pre-qualifying test using the information that will be provided online. You must receive a passing score of 70% or higher to be considered for admittance to the course.

Registration:

You must register for this course by September 1, 2020, to be eligible to participate in this course and receive a certificate for this course. A minimum of 15 students will need to register for the course to

be held. If the course is cancelled due to low enrollment \$270 of the registration fee will be returned to the student.

Instructor: This course will be taught by Incident Management Specialist LLC, instructor Ken Terrill from Sun Prairie, WI, who is certified by the National Wildfire Suppression Association (NWSA) to deliver this course and is approved by the National Wildfire Coordinating Group (NWCG), which is the national organization that has developed the training and qualification standards for wildfire and prescribe fire professionals. Ken has over 25 years of experience in working wildfire and prescribe fire for the State of Wisconsin, South Dakota and nationally.

For more information on the company Incident Management Specialist LLC and Ken Terrill and to register for this class please go to this company website for more information.

Web Page: <https://incidentmanagementspecialist.com>

LinkedIn: ken.terrill3011@gmail.com

What is needed to complete this online class: Each student will need to send by email to Ken Terrill a copy of their Introduction to Fire Behavior S-190 certificate and a copy of the completed assigned online materials, which includes the pre-course test and the twelve-course module.

To registering for this course: Complete the course registration form below and write a check for \$ 270.00 (preferably a cashiers or certified check) to Incident Management Specialist LLC and mail it by August 15, 2020 to the address below:

Incident Management Specialist LLC
Attention: Ken Terrill
3011 Scotland Parkway
Sun Prairie, WI. 53590

Email: ken.terrill3011@gmail.com
Phone: Cell 608-358-0453

Registration can also be done online by going to the website <https://www.incidentmanagementspecialist.com/> Go to the registration tab and complete the student registration form and send by email to ken.terrill3011@gmail.com Registration fee for these courses is: \$270 per student if paid by check and \$300 if paid by credit card online using the PayPal tab. If you want to save the cost to pay by credit card on line send an email with the registration form attached and a note that you have placed a check for \$270.00 in the regular mail.

To registering for this course: Complete the course registration form below and write a check for \$ 270.00 (preferably a cashiers or certified check) to Incident Management Specialist LLC and mail it by August 15, 2020 to the address below:

Incident Management Specialist LLC
Attention: Ken Terrill
3011 Scotland Parkway
Sun Prairie, WI. 53590

Email: ken.terrell3011@gmail.com
Phone: Cell 608-358-0453

Registration can also be done online by going to the website <https://www.incidentmanagementspecialist.com/> Go to the registration tab and complete the student registration form and send by email to ken.terrell3011@gmail.com

Registration fee for these courses is: \$270 per student if paid by check and \$300 if paid by credit card online using the PayPal tab. If you want to save the cost to pay by credit card on line send an email with the registration form attached and a note that you have placed a check in the regular mail.

The registration fee includes the following:

- Students will be provided the internet access link to access the course materials on line. If needed two training CD's (cost of shipping included in fee) will be provided if needed by the student because they could not access the internet link. These CD's work only on computers with Windows Operating Systems. The CD's will not work on Apple computers so the student will need to make arrangements to complete the course modules on a computer that has a Windows Operating System.
- A "how to" to complete the pre-course work.
- Instructions on how to access the course and the online reference materials.
- Unlimited scheduled time with course administrator Ken Terrill by phone or email, arranged while the student is working through the online portion of the course. Email ken.terrell3011@gmail.com or phone 608-358-0453 (cell).
- Course materials issued on the classroom day includes a Fireline Workbook, FLAME Supplement, and a Fuel Model Handbook
- Registration in the national qualifications database established by the National Wildland Fire Suppression Association (this fee of \$ 50.00 is included the cost for this course) which maintains a national list of the people that have successfully completed this NWCG course.
- If a student has registered for the class and then cancels after August 15, 2020 a \$50 cancelation fee will be charged to the student and the remaining registration fee will be returned to the student.

INTERMEDIATE WILDLAND FIRE BEHAVIOR

S-290 – ONLINE COURSE

August 25, 2020- 9:00 am to 5pm

Hosted with assistance of

Wehr Nature Center
Franklin, WI.

Date completed _____

Name _____

Address _____

City _____

State _____ Zip _____

Email address _____

Fax _____

Home Phone _____

Cell Phone _____

Work Phone _____

Complete this course registration form and enclose a check (preferably a cashiers or certified check) for \$270 made out to Incident Management Specialist LLC and mail to the address below by August 15, 2020:

Incident Management Specialist LLC
Attention: Ken Terrill
3011 Scotland Parkway
Sun Prairie, WI. 53590

Registration can also be done online by going to the website <https://incidentmanagementspecialist.com>. Go to the registration tab and complete the student registration form and send by email to ken.terrill3011@gmail.com. The \$300.00 registration fee can be made by credit card using the PayPal tab. To save having to pay by credit card you can send in your registration form and then send a check for \$ 270.00 by regular mail to the address above.