Course Goals

The basic objective of this course is to understand the principles, concepts, and issues surrounding fire, and to integrate this information into the context of natural resource management, protection, and stewardship. Students will plan and conduct several prescribed burns. Lab learning objectives are to:

- **Understand** basic wildland fire behavior and smoke management
- **Describe** fire as an ecological process, including effects on plants, animals, soil, water, and air
- **Demonstrate** ability to safely participate in the execution of prescribed fires

COVID-19 Safety

This course will be conducted with some face-to-face field lab and some online discussions. During all face-to-face activities, the following public health and safety protocols are required of all students, instructors, and teaching assistants:

- **Always bring and wear a mask when indoors or within 6 feet of others**
- **Wash hands (>20 sec) before and during lab**
- **Maintain at least 6 feet distance from others when possible**
- **If you feel sick or have symptoms, stay home**

Any individuals who are unable or unwilling to meet these requirements cannot participate in face-to-face activities and may be subject to progressive discipline. If you are experiencing COVID-19 symptoms, please use the UF Health screening system and follow the instructions on whether you are able to attend class. Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.
Brief Overview of Major Assignments

**Lab Exercises & Written Summaries of Prescribed Fires (80%)**
1. Inquiry-based lab exercises associated with L-180 and S-130 will require students to reach conclusions through problems, scenarios, and case studies. | **Due by end of lab period unless otherwise announced.**

2. Written summaries for each fire will include copy of executed burn plans, analyses of lessons learned, and documentation of activities and outcomes from prescribed burns. | **Due by 5pm the Thursday following the burn.**

**ONLINE COURSEWORK (20%) | Due March 13; upload proof of completion**
1. The S-130: Firefighter Training Canvas course (6-8 hours of training and discussion)
2. The S-190: Introduction to Wildland Fire Behavior online course (6-8 hours of training)
3. The FEMA IS-100: Introduction to the Incident Command System online course (2-4 hours of training)
4. The IS-700: an introduction to the National Incident Management System online course (4-5 hours of training)

**NOTE:** Those students who have completed the Basic Firefighter Type 2 training will have the option to complete the S131: Firefighter Type 1 training.

**Required Lab Materials**
1. S-130 Firefighter Training Workbook – Provided in lab
2. Incidence Response Pocket Guide (IRPG) – Provided in lab
3. For prescribed burns, you will need at least TWO large bottles of water, snacks, 6 inch or higher leather boots (preferably with Vibram soles; **absolutely no steel toes**), long pants, cotton shirt, and mask (which will also act as smoke barrier). All clothing should be 100% cotton. Synthetic fabrics are a hazard on the fire line! Nomex shirts and pants, all-leather gloves, safety glasses, and hard hats will be provided at fires. Bring your own if you prefer.

Grades are not rounded. For information on current UF policies for assigning grade points: [https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx](https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx)
### Frequently Asked Questions

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<th>How will we teach?</th>
<th>Synchronous on Fridays: We will be in the field completing training and burning when possible. Otherwise, you will attend online, live discussions and trainings, which will include the opportunity to interface with some of the top fire practitioners in the country.</th>
<th>Two sections for field days ONLY: The lab will be divided into two sections so there are fewer students in in-person labs. Expect to attend approximately 8 labs during the semester depending on availability of burn days. <strong>YOU CANNOT ATTEND LAB AT YOUR CONVENIENCE!</strong></th>
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<td>What if I don’t have fire boots?</td>
<td>You must acquire boots by purchasing or borrowing them. Boots must be all-leather, preferably with Vibram soles, with uppers that are 6 inches or higher; absolutely no steel toes.</td>
<td>Dr. Crandall has a few pairs of boots for loan, mostly women’s sizes. They must be signed out and returned at the end of the semester prior to final grades. Contact her if you need boots and cannot find someone to loan you a pair.</td>
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| How will we communicate? | Canvas announcements **ONLY!** Make sure you are signed up to receive Canvas updates. You will only receive emails for individual conversations. | Virtual office hours will be weekly on **Tuesdays: noon-2pm**

ZenLink

Password: Gators

| Individual meetings are available upon request. Email instructors or teaching assistant for an appointment. **Note:** Email responses during evenings and weekends will be limited |
| What if you must miss a lab? | Contact your professor BEFORE you miss the lab (and provide approved excuse) to make arrangements. Some labs will not have an option for making up the material, but you will be able to complete a complementary assignment to earn credit for the missed lab. | **Do not fall behind!** Communicate with your classmates, visit the lab Canvas page, and turn in assignments on time. Please contact your instructors if you need to miss multiple labs. |
| What if you must miss many labs? | **PLEASE** communicate with us as soon as you think you will need to miss multiple labs. We will work with you to develop a plan for completing the course without undue stress. Note that missing many labs may mean you will not earn certificates. | We care and want to see you succeed. Thus, if we notice you are falling behind or not attending lab, expect an email. |
| What if you miss a due date? | Unless PRIOR arrangements have been made with your instructors, there will be a 10% grade reduction for assignments submitted up to one week late. **One week after the due date, the submission page will lock and a zero will be assigned.** | **Start your online training early.** Technical problems are the norm, not the exception when completing NWCG trainings. Expect to have issues. Additionally, it takes 1-2 days to be approved for the Fire Learning Network. |
| How can you provide anonymous feedback? | To provide comments and suggestions related to this lab, complete a survey at: [https://ufl.qualtrics.com/jfe/form/SV_249BMRH8yutRXf](https://ufl.qualtrics.com/jfe/form/SV_249BMRH8yutRXf)

Password: SPRING2021 | To report a bias incident or hate crime to the UF Respect Team or UFPD, complete appropriate form at: [https://respect.ufsa.ufl.edu/](https://respect.ufsa.ufl.edu/) |
Resources to Help You Succeed

Policies & Requirements

This syllabus represents current plans and objectives for this course. As the semester progresses, changes may need to be made to accommodate timing, logistics, or to enhance learning. Such changes, communicated clearly, are not unusual and should be expected.

Diversity & Inclusion

Although natural resources and their management are important to all humans on Earth, modern natural resource management was built on a small subset of voices. This is why integrating a diverse set of experiences is important for a more comprehensive understanding of natural resource science and management. We acknowledge that it is possible that there may be both overt and covert biases in the material due to the lens with which it was written, even though the material is primarily of a scientific nature. We will strive to address these issues by including material from diverse perspectives when possible and by creating a classroom environment conducive to respectful, professional communication.

Inclusive Learning Environment

This course embraces the University of Florida’s Non-Discrimination Policy, which reads,

The University shall actively promote equal opportunity policies and practices conforming to laws against discrimination. The University is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans’ Readjustment Assistance Act.

If you have questions or concerns about your rights and responsibilities for inclusive learning environment, please see the instructor or refer to the Office of Multicultural & Diversity Affairs website: http://multicultural.ufl.edu.

Zoom Courtesy & Requirements

A computer or mobile device with high-speed internet connection is required for synchronous class time. You will also need a webcam, headset and/or microphone, speakers, and the latest version of web browser that supports Canvas.

Synchronous online sessions may be recorded. By sharing your video, screen, or audio during any synchronous online class sessions, you are consenting to being recorded for the benefit of students who cannot attend live as well as for class review during the current semester. If you have special circumstances or concerns about privacy, it is your responsibility to discuss it with your instructor.

If possible, please turn your camera on during class Zoom sessions; this is especially important during small team breakout work. We have a welcoming and professional classroom environment, and we expect your Zoom presence to support that. What you wear and what shows in the background of your camera should be neutral and not distract from the learning environment. Making use of the photo background function of Zoom is a good way to have a neutral background.

Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats (i.e., Netiquette). Failure to do so may result in loss of participation points and/or referral to the Dean of Students’ Office. https://www.cise.ufl.edu/wp-content/uploads/2019/08/CISE_Netiquette_Guide.pdf

Late Submissions & Make-up Requests

It is important that you be present for every class meeting, so you can interact with your classmates and participate in activities. It is the responsibility of the student to access online lectures, readings, quizzes, and exams and to maintain satisfactory progress in the course.

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

Computer or other hardware failures, except failure of the UF e-Learning system, will not excuse students for missing assignments. Any late submissions due to technical issues MUST be accompanied by the ticket number received from the Helpdesk when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request consideration.

For computer, software compatibility, or access problems call the HELP DESK phone number at 352-392-HELP = 352- 392-4357 (option 2).

Help for Technical Difficulties

For issues with technical difficulties for e-learning in Canvas, please post your question to the Technical Help Discussion in your course, or contact the UF Help Desk at:

Learning-support@ufl.edu | (352) 392-HELP - select option 2 | http://elearning.ufl.edu
Library Help Desk support https://uflib.ufl.edu/find/ask/
SFRC Academic Hub https://ufl.instructure.com/courses/303721
More Resources to Help You Succeed

Academic Honesty Policy

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge:

“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

It is assumed that you will complete all work independently in each course unless them instructor provides explicit permission for you to collaborate on course tasks (e.g., assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct or appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated.

Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: http://www.dso.ufl.edu/sscr/process/student-conduct-honor-code.

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. 0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

UF/IFAS Field and Fork Food Pantry

The Pantry (http://pantry.fieldandfork.ufl.edu) is a resource on the University of Florida campus committed to eradicate food insecurity. Food insecurity is not having a reliable access to nutritious foods for yourself on a regular basis. If you, or anyone you know is experiencing food insecurity, the Pantry is a resource to visit. We offer non-perishable food, toiletries and fresh vegetables grown at the Field and Fork Gardens to provide a well-balanced diet. Protecting the privacy of its guests and providing food to those in need within our campus community is our priority. Our guests do not need any proof of need to use this resource, all that is needed is a Gator 1 ID to prove you are a current Student, Faculty or Staff at the University of Florida.

Student Life, Wellness, and Counseling Help

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to use the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

Counseling and Wellness resources http://www.counseling.ufl.edu/cwc/
U Matter, We Care http://www.umatter.ufl.edu/
Career Connections Center http://career.ufl.edu/
Other resources are available at http://www.distance.ufl.edu/getting-help for online students.

Student Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning.

At approximately the mid-point of the semester, the School of Forest Resources & Conservation will request anonymous feedback on student satisfaction on various aspects of this course. These surveys will be sent out through Canvas and are not required but encouraged. This is not the UF Faculty Evaluation!

At the end of the semester, students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluerca.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

Software Use

All faculty, staff and students at the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.