MAY 22, 2010
Oregon Institute of Technology Campus
Klamath Falls, Oregon

A one-day mini-college for family forestland owners, foresters, farmers, pesticide applicators, contractors, loggers, arborists, teachers, and the general public.

27 Educational Classes
Vendor Exhibits
Lunch & Snacks
$20 Discount if you register before April 30
No registrations taken after May 7th

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This is the first time the OSU Tree School has been offered in Klamath County. It will be held at the Oregon Institute of Technology campus in the College Union Building on the second floor. We will feature 27 classes on a wide variety of topics of interest to family forestland owners, professional foresters, loggers, arborists, teachers, and the general public. As you look through this booklet you will find descriptions of the classes that will offer new skills, refresh your knowledge and stimulate new thinking. As you can see we have many outstanding instructors all giving time to share their knowledge with you. A special thanks to this incredible group of individuals. We also want to give a special thank you to our Tree School committee, Stephen Fitzgerald, Susan Honea and Anne Maloney, for giving their time to make this event the best it can be. Finally, we want to express our sincere appreciation to the volunteers who are helping things run smoothly.

In addition to adult classes we are offering a field trip with the Klamath Outdoor Science School staff for students in the 3rd - 6th grade. This is a half day field trip in the morning only, from 9a.m. to 1p.m. If you have kids or grandkids in this age group or know of someone who would benefit, be sure to take advantage of this class. Check Class 9A/B to sign up for this great class on forests, tree and wildlife. Kids attending can be dropped off at 8:45a.m. (Van leaves at 9am from the registration area) then picked up at 1:00p.m., lunch is included!

Classes vary in length from 1.5 to 3.5 hours and you can participate in up to four (of the 1.5 hr classes) over the course of the day. Snacks and lunch are included in your fee. Be sure to check out the exhibits and vendors at the Klamath Tree School!

Classroom space is limited so act now and reserve your spot in this fun and informative forestry program, and to ensure you get the classes you want. If you register before April 30th, you get the early bird fee of $55.00. If you wait and don't register until after April 30th and until May 7th the fee is $75.00, (sorry, no registrations after May 7th and no walk-ins allowed)

Bring the family so you can take advantage of as many class offerings as possible.

See you at the Klamath Tree School!
1A Property Rights and Wrongs
9:00-10:30am • Classroom
What can you and others do on and to your property? And what do you really own? This course is intended to give you an overview of real and personal property law so you will have a better insight into when you need a professional surveyor or lawyer to help you with access problems and easements, boundary disputes, fence fights, adverse possession and prescriptive rights, landlocked parcels, land use restrictions, squatters rights, insurance, timber deeds and harvesting, and much, much more that you probably don’t know about, but really should. Property law for rural landowners is what you need to know! Instructor: Bob Browning, Attorney at Law.

2A Identification and Management of Noxious Weeds for Woodland Owners, Farmers and Ranchers
9:00-10:30am • Classroom
Knapweeds, Hawkweeds, Cinquefoil, and Thistles—these are just a few of the aggressive exotic weed species that plague forestland and farm managers. This class will show you how to differentiate between these, and other weed species, and our less aggressive native species, and will provide recommendations on how to control them in forested and farm settings. (Includes a free copy of Noxious Weeds of Klamath County) Instructor: Andrea Rabe.

3A Biomass Energy and Biofuels from Oregon Forests
9:00-10:30am • Classroom
The conversion of woody biomass to electric energy and biofuels in Oregon poses a unique opportunity to address simultaneously three challenging needs: restoring Oregon’s forest health and wildlife habitat and reducing the risk of severe fire, finding renewable energy alternatives, and revitalizing Oregon’s rural economies. This is an especially important issue here in south central Oregon. A recent study was completed that: 1) reviewed existing research on potential for biomass energy and biofuels from Oregon’s forest; 2) conducted interviews with stakeholders to identify barriers and opportunities; 3) assessed potential for production of electric energy and biofuels from woody biomass; 4) reviewed efforts underway and assessed constraints/challenges; and 5) developed recommendations. Instructor: Mike Cloughesy, Director of Forestry, Oregon Forest Resources Institute, Portland, OR.

4A Milling for Beginners
9:00-10:30am • Classroom/Field
For those who are just thinking about getting a small mill or those looking for additional basic information about operating a mill, this class is for you. Hear from experienced folks who can discuss basic equipment, mills, and saws, as well as tell you how to evaluate the choices on the market. Learn milling terminology, log break down, sawing for grade, lumber grading, and log sources. Bring your milling questions—lots of them. We will do our best to provide answers. Milling demonstrations will take place during the breaks and lunch time in the parking lot outside the back doors from the classroom.

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KEY
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AOL Pro-Logger Credit
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**CLASS SCHEDULE**

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**Mt Scott meeting room. Instructor: Ken Barton with Wood Mizer and Duncan Livingston.**

**5A Climate Change and Forests**

9:00-10:30 am • Classroom

Global climate change is a topic on a lot of people’s minds these days. So, what’s the link between climate change and our forests? What role do forests play in affecting these changes and is carbon—through its increased levels in the atmosphere and its presence in our forests—part of the problem…and the potential solution? Finally are there any opportunities to influence the future climate through active forest resource management? Join OSU’s Dean of the College of Forestry for this provocative discussion of an important topic of our time. Instructor: Hal Salwasser, Dean College of Forestry, Oregon State University, Corvallis, OR.

**6A/B Oak Woodland Restoration for Wildlife**

9:00am-12:30pm • Field

This class will provide information on why oak woodlands are important for wildlife, the wildlife species associated with oak woodlands, and how oak woodlands can be restored and managed to enhance longevity and vigor of legacy oaks within the forest. Whether you have one oak tree on your property or 300 acres worth, this course will guide you to correctly manage for diversity and wildlife. We’ll cover why so many species of wildlife exist in oak woodlands, why oak woodlands have disappeared in Oregon and how long-term forest stewardship can restore the oak woodland component. Feel free to bring your questions on birds, reptiles, mammals and amphibians as all of them occur in oak woodlands! Instructor: Dave Ross, U.S. Fish and Wildlife Office, Klamath Falls, OR.

**7A/B Protecting Your Property from Wildfire**

9:00am-12:30pm • Field

Wildfire is the #1 concern for many forest landowners in south central Oregon. Learn to identify high fire risk situations and what it takes to protect your home and property from wildfire. Find out how to make your...
woods more resistant to fire and how this can improve forest health and vigor at the same time. We'll cover fire behavior basics, creating less fire-prone forests by thinning and other treatments, planning emergency water sources for fire suppression, and more. Although the emphasis of this class is on reducing fire risk on your forestland, we will spend some time discussing defensible space for home sites. **Instructors: Anne Maloney, Oregon Department of Forestry & Stephen Fitzgerald, Silviculture & Wildlife Fire Specialist.**

**8A/B Introduction to Chainsaw Use & Safety**  
9:00am-12:30pm • Classroom

Learn the basics of maintaining and operating your chainsaw properly. You'll learn tips for safe operation of your saw, and how to make your saw last longer and work harder. Bar and chain maintenance will be covered too, with an emphasis on saw sharpening. You will benefit from bringing your own chainsaw, but are not required to have one. A portion of this class will be held indoors. Please dress accordingly.  
**Instructors: Nicole Strong, Oregon State University, MWM & Woodland Workshops, Corvallis, OR and a Technical Expert from Oregon Chain.**

**9A/B Forests, Trees, and Fun for Kids**  
9:00am-1:00pm • Field Trip to Moore Park

Spend the day weaving your roots with those of the trees. What connects trees to each other and you to trees? Discover the amazing things in the forest that make our lives better while learning what we can do to help trees. An explorer's active, fun-filled adventure, don't miss out. Transportation and lunch included (grades 3-6 only).  
**Instructor: Bill Hunt, Klamath Outdoor Science School, Executive Director.**

**1B Roads and Fences—the Law of Easements & Boundary Lines**  
11:00am-12:30pm • Classroom

This advanced course is intended to give you a more detailed look at the law of easements and boundary lines in Oregon. The course will cover easement owner rights and responsibilities, and will discuss specific boundary line problems. If your access is off an easement, you need this course. Property law for rural landowners—it's what you need to know! (Recommended prerequisite: 1A Property Rights & Wrongs).  
**Instructor: Bob Browning, Attorney at Law.**

**3B Emerging Markets for Ecosystems Services**  
11:00am-12:30pm • Classroom

This course reviews trends in the development of market payments for ecosystem services that forests typically provide society (e.g., fish and wildlife habitat, clean water, carbon sequestration). The evolution of payment for ecosystem services will be covered—
from traditional financial incentives to pilot demonstration projects testing marketing mechanisms and accounting—to the “holy grail” of ecosystem market where landowners are paid directly for the bundle of ecosystem services they provide as a result of their forest management activities. Come find out how these programs can complement the forestry you choose to practice in the future.  

**Instructors:** Jim Cathcart, Forest Resource Trust Manager, Oregon Department of Forestry, Salem, OR; Gina LaRocco, Conservation Program Associate, Defenders of Wildlife, West Linn, OR.

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**4B Reforestation Basics**

11:00am-12:30pm • Classroom

This course will cover what you need to know to achieve successful reforestation including: defining the forests you want, matching species with site, getting quality seedlings, coordinating harvesting and site preparation, handling and planting seedlings properly, controlling weeds and pests, and post planting evaluation.  **Instructor:** Max Bennett, OSU Extension Forester; Jackson/Josephine Counties.

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**5B Juniper Management**

11:00am-12:30pm • Classroom

This class will provide an overview of the ecology of western juniper and its impact on the landscape. Topics to be covered include the ecology and biology of western juniper, what makes it such a good competitor, and what are the changes on the land that occur as juniper increases in both area (acres) and density (trees per acre). Setting realistic goals and developing management plans for treatment (removal) and post treatment activities will help assure successful restoration activities. Information on how to evaluate a site prior to controlling juniper as well as ways to control juniper will be discussed.  **Instructor:** Tim Debooedt, OSU Crook County Extension Service, Rangeland Ecology and Management.

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**Thank you to — Klamath County Title III Secure Rural Schools Grant** for helping to make the Klamath Tree School possible.
Silviculture is the art and science behind caring for, tending, and working with your forest. We will discuss what you want your forest to look like in the future and how to get it there. We'll also highlight common techniques used to manage your forest including harvest-regeneration systems and several intermediate stand treatments. We will talk about how trees and stands grow and how that relates to maintaining a healthy forest. Instructor: Stephen Fitzgerald, Eastside Silviculture and Wildland Fire Education Specialist, Oregon State University, Redmond, OR.

5C Succession Planning Strategies for Woodland Owners 1:30-3:00pm • Classroom

If you own and care for forest land, you probably have strong feelings about leaving your land in good condition for the future. You hope the work you've started will continue past your lifetime and that future generations will benefit from your efforts. A big part of preserving the legacy is succession planning, yet this is harder than most people realize. It involves more than just having a will or an estate plan. Those legal tools will ensure your heirs inherit the property, but not that they will want to carry on the vision or even want to keep it. Succession planning helps you pass on more than just the land. Passing on your passion takes preparation and planning and can be legally and emotionally challenging. This class is designed to give you a firm understanding of the succession planning process. Learn the steps to succession planning, clarify your values and goals; develop tools to determine your heir's interests, and how to hold an effective family meeting. Gain knowledge of legal and financial instruments that can support your plan and how to choose advisors. Instructor: Mary Sisock, Director, Ties to the Land Initiative, OSU Austin Family Business Program, Corvallis, OR.

6C/D Basic Forestry Tools and How to Use Them 1:30-3:00pm • Field Trip to Moore Park

How big is that tree? How can I get from here to there (and not get lost)? How far is it? How many acres is this stand of trees? These are some of the things woodland owners often want to know about their forests and fortunately, with simple tools and a little training, you can accurately measure many important forest parameters. In this hands-on class you will learn how to use many of the basic forestry tools and skills, such as: orienteering with a compass and pacing; measuring heights, diameters and volume with woodland sticks, clinometers, and diameter tapes;
measuring tree age and growth rate with increment borers; and estimating stand density and volume with small plots. **Instructor:** Bob Parker, OSU Extension Forester, Baker and Grant Counties.

**7C/D  Practical Ideas for Managing Your Woodlands  1:30-5:00pm • Field**

Don’t miss this class if you’re looking for innovative ideas, tools and techniques for managing your woodlands. You’ll be introduced to some practical ways to solve tasks like pruning 30 feet up a tree, thinning in young and dense stands where everything is a “hang up” and moving logs with equipment as small as an ATV. Lots of tricks and techniques will be shared by an experienced woodland owner—not to mention a creative engineer and inventor. **Instructor:** Mark Havel, Founder & President, Future Forestry Products Inc., Willamina, OR.

**8C/D  Intermediate Chainsaw Use and Safety  1:30-5:00pm • Classroom/Field**

Learn the terminology, equipment, and basic techniques for safe chainsaw use. The presentation is an interactive discussion of chainsaw use, cutting techniques, and maintenance of the saw. Learn how to maintain your saw for years of service and receive information on those techniques that will help you to become proficient in operating a chainsaw. **Instructor:** Jason Pettigrew, Wildland Fire Supervisor, Oregon Department of Forestry.

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**Wildfire: Are You Certified?**

Oregon’s **Forestland-Urban Interface Fire Protection Act** requires homeowners in forested residential areas to complete vegetation management on their property, making their homes less vulnerable to wildfire. The results create a safer working environment for firefighters to defend these homes and properties.

The Property Evaluation & Self-Certification Guide, along with a personalized Certification Card, were mailed to affected owners in early 2008. **Klamath County only**

**Return your self-certification card by June 1, 2010**

For more information, or to replace a lost card, please contact the Oregon Department of Forestry in Klamath Falls 541-883-5681.
2D  Pitch, Frass and More  
3:30-5:00pm • Classroom
How do you know if bark beetles are in your trees? Bark beetles are the most destructive insects in western coniferous forests. They seek trees that are weakened by overstocking, disease (e.g., dwarf mistletoe or root rots), drought or other damage. Under the right circumstances, some beetles are aggressive tree killers. This class will cover basic bark beetle damage, identification, and management techniques. **Instructor:** Rob Flowers, Entomologist, Oregon Dept of Forestry, Salem, OR.

3D  Harvesting & Marketing Your Logs  
3:30-5:00pm • Classroom
For many woodland owners, timber harvests are few and far between. The return on investment after years of managing your trees is often a “one-shot-deal.” Make sure you know the ins and outs of the logistics of selling your trees and logs. This session will cover the steps involved in the process, identifying what products you have to sell, whether you want to sell trees or logs, identifying potential buyers, selecting buyers, contract specifications you need to consider, evaluating an offer to see you receive the maximum net revenue, monitoring your sale and, yes, finally, paying your taxes. This session is a must if this is your first experience in selling logs or timber and even those who have gone through the process will pick up a few ‘kernels of wisdom.’ **Instructor:** Steve Bowers, Oregon State University Forestry, Eugene, OR.

4D  Making Your Woodland Attractive to Wildlife  
3:30-5:00pm • Classroom
Whether you own a 1/10 acre city lot or 1,000 acres of forest land, there are many things that you can do to improve habitat for wildlife, especially for birds. In this class, we will review the basic habitat needs of birds and other wildlife and provide examples of actions you can take to improve the habitat. Once you understand the principles behind wildlife habitat management, you will be better able to plan and implement actions to benefit wildlife. As a result, you will be rewarded with more and a greater diversity of wildlife. You will likely learn more about native plants and have a keener sense of the ecological relationships between species on your land. **Instructor:** Ron Larson, U.S. Fish and Wildlife Service, Klamath Falls, OR.

5D  Growing & Managing Aspen on Your Woodland Property  
3:30-5:00pm • Classroom
If you have quaking aspen on your property and would like to keep it healthy or want to get aspen growing in new areas, this is the class for you. Course instructors will describe how to assess the condition of your aspen, treatment options and how to implement and monitor your work. Bring your questions! **Instructors:** Darin Stringer, Forest Restoration Partnership, Philomath, OR. and Nicole Strong, OSU MWM & Woodland Workshops, Corvallis, OR.
KLAMATH TREE SCHOOL registration is $55.00 per participant, if registered by April 30th. Fee covers class materials, lunch, coffee breaks & transportation to field sites. **NOTE:** for Klamath Outdoor Science School (class 9A/B), registration is $55.00 per child (grades 3-6 only) and includes snacks and lunch.

Make all checks payable to OSU Extension Center. Mail form and payment to OSU Klamath Basin Research & Extension Center, 3328 Vandenberg Rd., Klamath Falls, OR 97603.

REGISTER before Friday, April 30th to qualify for a $20 discount—fee only $55.00. Between April 30th & May 7, 2010 the fee will be $75.00. **No registrations will be accepted after the May 7th deadline.** No walk-in registrations accepted on Tree School day. Early registration is highly recommended to ensure your class selections. Confirmation notices will be sent to all registrants. Refund policy: Because of the financial commitment required and the demand for Klamath Tree School, we cannot offer refunds. If, after registering, you cannot attend, you may call the office to request the registration be transferred to another family member, friend or neighbor. Registration transfers cannot be made after Friday, May 7, 2010.

Information: Contact Susan Honea, OSU Extension Office, 3328 Vandenberg Rd., Klamath Falls, OR 97603; email: susan.honea@oregonstate.edu; phone 541-883-7131.
OSU Klamath Basin Research & Extension Center
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