

Tree School Umpqua Class Descriptions
Umpqua Community College
March 29, 2012

CEU information:

OPL = Oregon Pro Logger, SAF = Society of American Foresters, ISA = Certified Arborist, ODA = ODA Pesticide Certification

1A

Managing Nuisance Wildlife

1.5 hrs classroom

Wildlife can enhance our enjoyment and sometimes the value of our property. However, some interactions at the human: wild interface are neither enjoyable nor profitable. We will talk about several of the species that are often involved in conflicts, what attracts them, and how we can deal with them.

Instructor: Dana Sanchez, OSU Extension Wildlife Specialist, Corvallis, OR.

CEU: SAF 1.5 units Cat. 1; OPL 2 credits

2A

Solar Electricity in Douglas County

1.5 hrs classroom

Al Walker, MWM and retired solar contractor will show slides of solar projects, discuss and present federal and state tax incentives, Energy Trust, and USDA grants. An update on the Oregon Feed in tariff and the Douglas County "Solarize" project will be given.

Instructor: Al Walker, OSU Master Woodland Manager, Roseburg, OR.

3A

Funding Forestry and Natural Resource Projects

1.5 hrs classroom

So, where's the money? Well, there is funding available for private forestland owners to help with everything from management planning, stream habitat enhancement, thinning, and weed control on your property. Finding the bucks is more challenging. Learn about government agencies that can help.

Instructor: Steve Vaught, Incentives Coordinator, Private Forests Division, Oregon Department of Forestry, Salem, OR.

CEU: OPL 2 credits, ISA 1.5 credits

4A

Woodland Roads: BMPs That Protect Your Property & Meet the Rules

1.5 hrs classroom

Roads are a valuable asset on woodland properties. This class will offer practical guidelines ("Best Management Practices") for maintaining and upgrading roads that can help protect this asset while also protecting streams and meeting forest practice rule requirements. Everyone attending this class will receive two information-packed publications, OSU's Managing Forest Roads and OFRI's newly updated illustrated manual on Oregon's Forest Protection Laws.

Instructors: Steve Bowers, OSU Extension Forester, Roseburg, OR, and Paul Adams, OSU Forestry Extension Specialist, Corvallis, OR.

CEU: OPL 2 credits

5A

Basics of Caring for Your Woods on a Small Acreage—let's go deeper

1.5 hrs classroom

So you own a small parcel of forest land... and, you're ready to "get after it." Learn about key areas of interest for many smaller-acreage forest property owners. Topics include: tree planting and reforestation, thinning and pruning, laws and regulations, stream protection and enhancement, attracting wildlife, and finding the help you need. When you leave this class, you should have what you need to get started on the ground!

Instructor: Glenn Ahrens, Extension Forestry Agent, Oregon State University, Astoria, OR.

CEU: OPL 2 credits

1B

Why Are My Trees Dying?

1.5 hrs classroom

This class is designed to teach you about common insect, disease, and environmental problems effecting forest trees in western Oregon. Come learn the latest information on root diseases, bark beetles, foliage diseases and other tree problems. Learn some basics on how to identify, control, and/or manage the common forest tree problems in your area.

Instructor: Ellen Goheen, Plant Pathologist, USDA Forest Service, SW OR Forest Insect and Disease Service Center, Central Point, OR.

CEU: SAF 1.5 units Cat. 1, OPL 2 credits, ISA 1.5 credits

2B

Composting Toilets 101

1.5 hrs classroom

~~Why would anyone want one? What do you do with the... ummm... leftovers? This seminar covers the basics of composting humanure (yes, that's the term for it), the safety steps involved, the various types of composting toilets and what's legal in Oregon—and what's not.~~

~~*Instructor: Viviane Simon-Brown, OSU Sustainable Living Specialist, Director of the National Network for Sustainable Living Education, Corvallis, OR.*~~

3B

Good Things We're Doing in Forestry

1.5 hrs classroom

Woodland owners, universities, forest industry, conservation organizations and forestry agencies all work towards creating and maintaining healthy, sustainable forests which contribute so much towards the social, economic and ecological well-being we all depend on. But, all too often the good work we're doing doesn't get very much recognition and people are unaware of how forests and forestry touch their lives in amazing and wonderful ways. This class will highlight some of the great stories in forestry today. OFRI's new booklet titled, *2011 Oregon Forest Facts and Figures* will provide much of the basis for the presentation, which also will highlight some new web-based videos called, *Forest Fact Breaks*.

Instructor: Mike Cloughesy, Oregon Forest Resources Institute, Portland, OR.

CEU: OPL 2 credits, ISA 1.5 credits

4B

Forest Practices Illustrated: Good Stewardship, Good Compliance

1.5 hrs classroom

Taking care in planning and implementing forest management activities not only is the foundation of good stewardship, it can go a long way in meeting your responsibilities under Oregon's forest protection laws. This class will highlight a variety of key requirements for forest practices in Oregon, including planning and operations for timber harvest, reforestation, roads, site prep, and fire and smoke control. Everyone attending this class will receive OFRI's newly updated, information-packed, illustrated manual on Oregon's forest protection laws.

Instructor: Paul Adams, OSU Forestry Extension Specialist, Corvallis, OR.

CEU: OPL-FP 2 credits

5B

Web Soil Survey: A tool to help you manage your forest and agriculture land

1.5 hrs classroom

A soil survey is an inventory of the different soil types and their location in the county. The Web Soil Survey is a useful web-based tool that was created, and is maintained, by the Natural Resource and Conservation Service. You can use several methods for choosing a location including: an address, or Section Range and Township, or Latitude and Longitude. An aerial photo is available so you can select your area of interest. Information is available about what soils are present, their characteristics, agriculture or forest productivity, suitability for using heavy equipment, and much more. However, the Web Soil Survey is not always easy to use. If you think that this type of information would be valuable for you and you are not familiar with the Web Soil Survey, this workshop might be just what you are looking for. Come prepared to work through an example with Jim, and if we have time, locate your property and start on your own report.

Instructor: Jim Reeb, OSU Extension Forester, Newport, OR.

CEU: OPL 2 credits, ISA 1.5 credits

6A/B

Forestry Potpourri

3.5 hrs field

This class will tie together several management considerations in a field setting. The class will feature stand improvement approaches, including tree selection based on vigor, form, species and other considerations. We'll also cover spacing, species differences and slash disposal options. Pruning trees in the forest is done to reduce wildfire risk, improve the "look" of the forest, and create clear wood over time. We'll talk about where pruning is appropriate for different situations and objectives, as well as the when and how, and demonstrate the equipment used for pruning. Last but not least, what about wildlife? We'll use the local conditions to describe and discuss wildlife and fish management opportunities. Also, tools and incentives will be discussed that help you identify priority wildlife species and habitat on your property and create management alternatives.

Instructor: Stephen Fitzgerald, Eastside Silviculture and Wildland Fire Education Specialist, Oregon State University, Redmond, OR.

CEU: SAF 3.5 units Cat. 1, OPL 4 credits

7A/B

Trees Awareness: Answers to Questions about Hazards, Pruning and Planting of Trees in Western Oregon

3.5 hrs field

Come to this program and learn the dos and don'ts of tree planting – the common, unexpected mistakes that we all do (but won't after the class!). Also learn the dos and don'ts of tree pruning including an introduction to C.O.D.I.T from Dr. Alex Shigo. Get an understanding of hazardous trees – when to be – or not to be concerned. There will also be a short discussion on the common tree diseases of Western Oregon relating to “urban” trees. Alby Thoumsin has been working for almost thirteen years for Sperry Tree Care in Eugene, Oregon.

Instructor: Alby Thoumsin, an ISA Certified Arborist, ISA Certified Tree Risk Assessor and an ASCA Registered Consulting Arborist, Sperry Tree Care, Eugene, OR.

CEU: SAF 3.5 units Cat. 1, OPL 4 credits, ISA 3.5 credits

1C

Important Bark Beetles and Woodborers in Southwest Oregon

1.5 hrs 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: Bill Schaupp, Entomologist, USDA Forest Service, SW OR Forest Insect and Disease Service Center, Central Point, OR.

CEU: SAF 1.5 units Cat. 1, OPL 2 credits, ISA 1.5 credits

2C

Living Well in Tough Times

1.5 hrs classroom

~~Money is tight. Good jobs are scarce. We're not on the streets, but it's a good time to be thrifty and pay attention to what we're spending. In this highly interactive session, we'll pick up tips from each other on ways to conserve energy, reduce transportation costs, and have more fun close to home. Each participant will leave the workshop with at least 50 helpful tips.~~

~~*Instructor: Viviane Simon-Brown, OSU Sustainable Living Specialist, Director of the National Network for Sustainable Living Education, Corvallis, OR.*~~

3C

Chainsaw Use, Sharpening and Tree Felling

1.5 hrs classroom

Take this class if you have an interest in using a chainsaw safely and effectively. There is nothing like a sharp chainsaw in the hands of a skilled user - and this class will get you closer to that goal. Learn to sharpen your chain, safe and effective use of your saw, techniques for felling trees in many situations as well as effective and ergonomic work techniques and tools.

Instructor: Mark Havel, Havel Design, Willamina, OR.

CEU: SAF 1.5 units Cat. 2, OPL 2 credits, ISA 1.5 credits

4C

Achieving Superior Survival and Growth in Your Plantations: Cost-effective Treatments and Strategies to Maximize your Investment

1.5 hrs classroom

Course covers the importance of controlling vegetation in young plantations to maximize both seedling growth and survival. Cost-effective treatments and applications for controlling competing weeds and brush species will be discussed as well as control of various invasive species including, poison-oak, blackberries, Scotch/French broom, star thistle, knapweed, and others.

Instructor: George Severson, Forester/Customer Service Rep, Helena Chemical Company, Klamath Falls, OR.

CEU: SAF 1.5 units Cat. 1, OPL 2 credits

5C

Understanding Wood as It Dries

1.5 hrs classroom

This class is designed for portable mill operators, woodworkers, hobbyists or those just interested in learning more about wood behavior. Join us for a fun and informative class that will help you understand wood behavior – discussion will include checking/cracking, splitting, shrinking/swelling, and warping (cup, bow, crook and twist) of wood during the drying process – and, what you can do to minimize the negative results of these behaviors.

Instructor: Jim Reeb, OSU Extension Forester, Newport, OR.

6C/D

Non-timber Forest Products

3.5 hrs field

There are more than mushrooms growing in your forest: edible plants, floral greens, moss, seeds and landscape plants are only a few of the products that can be harvested. We will discuss how to inventory plants, their uses, how to harvest, clean, prepare products for sale, and how to plant multiple-use species. Bring samples or any questions you may have.

Instructor: Patrick Mooney, Oregon Herb & Craft Products, Creswell, OR.

CEU: SAF 3.5 units Cat. 2, OPL 4 credits

7C/D

Mine Reclamation and Forest Health Issues on Nickel Mountain: A Tour

3.5 hrs field

A visit to a mine reclamation site on Nickel Mountain and an up close view and discussions of forest health issues including Port-Orford Cedar root rot; western gall rust and western gray squirrel damage in Jeffrey pine; and overall density management issues. The tour will be led by the landowner Rick Barnes who is also a professional forester and is the President of Barnes & Associates, Inc. a forestry consulting firm in Roseburg. Note: A bathroom is available on site.

Instructor: Rick Barnes, Certified Forester and Owner, Barnes & Associates, Inc., Roseburg, OR.

CEU: SAF 3.5 units Cat. 1, OPL 4 credits

1D

Invasive Forest Weeds

1.5 hrs classroom

This workshop will discuss common invasive weeds of southwest Oregon forestlands. The focus will be on identification of some of the most important weeds including different species of broom, knapweeds and thistles and distinguish the ones to be most concerned about. The class will present an overview of general prevention and management strategies.

Instructor: Richard Helliwell, Forest Botanist, Umpqua National Forest, Roseburg, OR.

CEU: SAF 1.5 units Cat. 1, OPL 2 credits

2D

Biochar, a Forest Resource for Farm Soils?

1.5 hrs classroom

A demonstration and discussion of local technologies to convert forest “wastes” to biochar, a soil amendment that helps some farm and forest soils hold moisture and nutrients, improve tilth, and sequester carbon.

Instructors: Jim Long and Richard Kerns, Education Committee, and other members of Umpqua Bio-Alternatives Cooperative, Roseburg, OR.

3D

Firewood A to Z

1.5 hrs classroom

If you have any interest in Firewood at all, as a user, producer, buyer or seller, this is the class for you. We will have all the information on firewood use, seasoning, drying storing and burning, but also the tools and techniques for producing it in the most efficient manner. We will discuss equipment of all sorts, pros cons and costs and how to produce wood with the least amount of investment of time or money. Then, we'll take it a step further and introduce a functional firewood network method, for folks to do what they do best, together for the better of all.

Instructor: Mark Havel, Havel Design, Willamina, OR.

CEU: OPL 2 credits

4D

Woodland Ponds

1.5 hrs classroom

A pond can be a highly attractive and functional component of your woodland property. It can also greatly increase the value of those properties. But planning and constructing a pond takes more planning than first imagined. This session provides some important concepts and ideas for planning, building, and possibly the most important issue; maintaining the integrity of your pond. We'll start at the beginning with the permit process then look at some of the requirements of your property that will enable the successful completion of a project. Not every piece of property is capable of sustaining a pond. If you currently have a pond and are looking for some pointers on maintenance and enhancement or are trying to determine whether a pond is feasible, this is the class for you.

Instructor: Steve Bowers, OSU Extension Forester, Roseburg, OR.

CEU: OPL 2 credits

5D

Using Google Earth and Other Online Resources to Map and Explore Your Woodlands

1.5 hrs classroom

In this hands-on computer session, learn how to use Google Earth to explore your property from your desktop. You will learn to access current and past aerial photos, measure distance and area and create elevation profiles of roads and hills. These tools are useful if you need to write or update your management plan, and can help you better make management decisions. Participants should be comfortable navigating the Internet, but no experience with these specific programs is necessary.

Instructor: Tristan Huff, OSU Extension Forester, Myrtle Point, OR.

CEU: SAF 1.5 units Cat. 1, OPL 2 credits