

# Fall 2016 Master Naturalist Classes



## *Master Naturalist*



St. Louis Community College  
Continuing Education

3221 McKelvey Road, Suite 250 • Bridgeton, MO 63044 • 314-984-7777



The St. Louis Community College Office of Continuing Education offers students the opportunity to complete the **Master Naturalist** Program. This course of study includes both credit and non-credit classes. A non-credit **Master Naturalist** Certificate will be awarded to individuals completing all components of the program.

The following classes may be taken for your own personal enrichment or as a part of the **Master Naturalist** program.

**Contact Continuing Education at 314-984-7777 for program requirements.**

### Ecology

### Landscape and Gardening

### New Right Tree, Right Place: Selection and Planting Advice

#### Climate Change 101

What is climate change? How are rising temperatures impacting the ecosystems, forests, oceans and even the St. Louis area? What is the biggest concern from scientists? What are the best solutions? Why do Americans disagree so strongly about this issue? Join park ranger Brian Ettling as he shares the basic science, shows the 'unusual suspects' that accept the science, and debunks many of the myths. Learn how to effectively educate others on the topic using humor and optimism to inspire them to take action.

**ECOL:701 | \$25**

**680 Sa 9am-12pm**  
Nov. 5

**Brian Ettling**  
MC - SO, 107

#### Indoor Composting: Make and Take Home a Bokashi Bucket

Don't throw away those scraps - up to 20% of household trash can be composted! The bokashi bucket system can be used in the winter months, it's quick, convenient and has no household smells. In this hands-on session, you will construct and learn to maintain an indoor composting system capable of decomposing food and house plant trimmings for a family of four. In a space-saving bokashi system, effective microorganisms transform all types of kitchen waste into a nutrient-rich soil amendment. All equipment, materials and handouts provided and included in fee. You'll leave class with a working indoor composting system in the form of a bokashi bucket. Class offered in partnership with the Missouri Botanical Garden Earthways Center. Registration deadline 9/8. No refunds after this date.

**ECOL:704 | \$49**

**6D1 Th 7pm-8:30pm**  
Sept. 22

**Kat Golden**  
MC - SW, 207

#### DIY: Making Bran for a Bokashi Bucket Composting System

Bokashi is a great space-saving way to compost at home that uses a bran mixture of carbon-rich materials and effective microorganisms to transform kitchen waste into a great fertilizer for your garden. The bokashi bucket system can be used year round, it's quick, convenient and produces no household smells with the help of this bran mixture! Designed for individuals who currently have a bokashi bucket, you'll make a one pound mixture of the bran in class and take home the recipe and know how to make more with just a few easy steps. Don't have a bokashi bucket yet? Register for the Make and Take Home a Bokashi Bucket class or get an instruction sheet in the DYI Bran class to build your own at home. Class offered in partnership with the Missouri Botanical Garden Earthways Center. Registration deadline 9/22. No refunds after this date.

**ECOL:704 | \$39**

**6D2 Th 7pm-8:30pm**  
Oct. 6

**Kat Golden**  
MC - SW, 207

#### All About Herbs

Whether you have a few herbs in your yard or an extensive herb garden, learn how get the most for your effort in this one-night class. From starting to expanding an herb garden, you'll learn about soil conditions, fertilizing, and the optimal placement for growth and for winterizing your herbs. Come hear the best advice from Master Gardener "Mike" on how to plant, maintain, and harvest an herb garden. You'll also get tips on using herbs in and around your home as well as the best way to freeze and preserve herbs for future use. Bring a notebook and pen to class.

**HORT:701 | \$25**

**650 W 6pm-9pm**  
Sept. 14

**Michelle Ochonicky**  
MC - SO, 109

#### Grow Your Own: Mushroom Garden in a Bucket

Wouldn't you like to pick your own quality mushrooms at the peak of freshness to use in your morning omelet or evening gourmet meal? Come discover how easy it is to "grow your own" in a compact bucket which can be used indoors or out. Class will begin with a short presentation on growing mushrooms and then you'll get hands-on experience assembling the bucket, growing medium and spawns to get the process started and take home. It's time to add mushrooms to your food garden list and start discovering the many opportunities that exist in your own home. Registration deadline 9/28. No refunds after this date.

**HORT:701 | \$29**

**6D1 Th 7pm-9pm**  
Oct. 6

**Mark Brown**  
MC - SW, 108

#### Fall Gardening for a Bloomin' Beautiful Spring

Have a bloomin' beautiful spring! Join local nursery owner, Nancee Kruscheck, as she discusses how to prepare your flowerbeds and gardens this fall for next spring. Learn the best bulbs and perennials to plant to achieve vibrant spring color and design impact; learn how to properly divide your perennials; and steps to take to prepare your gardens to withstand winter and come back greener and more lush than before. You'll be the envy of the neighborhood!

**HORT:707 | \$25**

**680 Sa 9am-11:30am**  
Sept. 10

**Nancee Kruscheck**  
MC - SO, 107

#### Shrubs and Perennials - What's Best for the Midwest?

Fall is the best time to plant to help establish a good root system for your landscape! Come discover some of the many new varieties of plants out on the market cultivated for smaller spaces in your yard. From small shrubs to perennials with more color and smaller sizes, join nursery owner and plant expert Nancee Kruscheck and you'll learn about how hardy these varieties are and where they will work best in your garden.

**HORT:708 | \$25**

**680 Sa 9am-11:30am**  
Sept. 3

**Nancee Kruscheck**  
MC - SO, 107

Many problems that our trees encounter can be traced back to selecting the wrong tree for a site or improper planting technique. Industry experts agree that fall is the best time to plant trees after the summer heat and before the winter freeze. Come learn how to choose the correct tree to fulfill your landscape needs and how to set them up for success by utilizing proper planting protocol! Community forester, Tom Ebeling, will walk you through the basics of tree planting and choosing the right tree for the right place.

**HORT:708 | \$25**

**681 Sa 10am-12pm**  
Oct. 15

**Tom Ebeling**  
MC - SO, 108

#### Landscape Basics: Plan Now for a Beautiful Spring

Do you need some tips for a great landscape? Get practical advice from nursery owner, Nancee Kruscheck, and learn how to lay out bed lines, about edgings, gravel vs. mulch, weed barrier vs. plastic, plants and spacing. Now is the time to devote your efforts to having a better landscape next season!

**HORT:711 | \$25**

**680 Sa 9am-11:30am**  
Sept. 24

**Nancee Kruscheck**  
MC - SO, 205

#### Making More Plants: Propagation Made Simple

Make more of your favorite plants in this hands-on class. Learn some simple propagation methods. Watch local nursery owner and plant expert, Nancee Kruscheck, as she demonstrates how to take cuttings, root division, air layering and seeds, then try it yourself.

**HORT:719 | \$25**

**680 Sa 9am-11:30am**  
Sept. 17

**Nancee Kruscheck**  
MC - SO, 107

#### Pruning Basics

Proper techniques for pruning trees and shrubs are essential for the health of your plants and future growth. It's not difficult if you know the right techniques and timing. You'll also learn how to avoid spreading disease from tree to tree. Class will include an outdoor demonstration, so bring your pruners. Come learn hands-on from our nursery expert Nancee Kruscheck, who will also show you how to sharpen and clean your pruners and answer your questions.

**HORT:723 | \$25**

**680 Sa 9am-11:30am**  
Oct. 8

**Nancee Kruscheck**  
MC - SO, 108

### Nature

#### Raptors: A Look at Hawks and Eagles

Come soar with the eagles and hawks; masters of the sky and the ultimate raptors. Learn about anatomy, behaviors and adaptations. Concentration will be on the bald eagle, master fisherman and red tail hawk. Offered in cooperation with St. Louis Audubon Society.

**NATR:709 | \$25**

**652 W 7pm-9pm**  
Oct. 5

MC - SO, 108

### Introduction to Bird Watching

According to the U.S. Fish & Wildlife Service, more than 45 million Americans identify birding as one of their favorite pastimes. Whether you are an amateur bird enthusiast or are interested in learning more about bird identification, migratory patterns, and wildlife in your own backyard, this class is for you! Join educators from the St. Louis Audubon Society to discover how to identify bird species by sight, song, physical attributes, and behaviors. You'll also learn how to research your findings in guidebooks and how to attract more birds to your backyard through feeding and landscaping. Field trip on Saturday will allow you to practice your new skills and learn about the best places to view a variety of birds in the St. Louis area. Field trip details to be discussed in class. Provide own transportation. Class is offered in partnership with the St. Louis Audubon Society.

**NATR:709 | \$35**

**650 W 7pm-9pm**

Sept. 7

Sa  
Sept. 10

MC - SO, 107

MC - Off Campus

### New Sparrows

There are thirty species of native sparrow in North America, a dozen of which can be found nesting in Missouri. Come learn about the habitat, behavior, and markings of this little bird. Towhees and Juncos will be included in the discussion. Offered in partnership with the St. Louis Audubon Society.

**NATR:709 | \$25**

**654 W 7pm-9pm**

Nov. 2

MC - SO, 108

### Bats of Missouri

Missouri is home to at least 14 different species of bats. Learn about these different species, where they live, how common they are and methods used to research and monitor them. Taught by Tony Elliott of the Missouri Department of Conservation, you will also explore and discuss the importance of bats to the environment and humans as well as current threats to these fascinating creatures.

**NATR:709 | \$29**

**680 Sa 9am-12pm**

Oct. 1

Tony Elliott  
MC - SO, 107

### Forest Park Owls: Hiding in Plain Sight

Join award-winning, amateur naturalist and speaker Mark H.X. Glenshaw and discover details into the lives of a local mated pair of Great Horned Owls in Forest Park. Mark has been closely observing and documenting the owls since 2005. You'll learn how he found the owls, basic facts about the species, and the different behaviors he observes and documents with photos and videos to illustrate these behaviors. Don't be surprised if you find yourself looking for owls after this course in a follow up instructor led Owl Prowl!

**NATR:709 | \$25**

**651 Th 6:30pm-8:30pm**

Sept. 8

Mark H.X. Glenshaw  
MC - SO, 108



### New Great Horned Owls: Hunting and Feeding

Mark H.X. Glenshaw, an award-winning naturalist has been observing, documenting, and doing outreach with Great Horned Owls in Forest Park since December 2005. Mark has learned many of the owls' hunting perches and observed and documented many predatory attempts as well as seen the owls feed themselves and their many owlets. Please join us for a fascinating insight into one of the most successful predators in the Americas.

**NATR:709 | \$25**

**653 Th 6:30pm-8:30pm**

Oct. 20

Mark H.X. Glenshaw

MC - SO, 109

### On the Brink Again? Recovering Two Endangered Wolves

Recovering a species from 14 individual animals, or even 7, is a challenging process. Both the red wolf (who was native to Missouri) and the Mexican gray wolf have come back from the brink of extinction by the passion and efforts of several facilities. This class will focus on the Endangered Wolf Center's key role in their recovery and the current status of each species in the wild now. A tour of the animals will be included. Children ages 12-15 may register when accompanied by a registered adult. Call EWC at 636-938-5900 and for directions and location details. Offered in partnership with the Endangered Wolf Center.

**NATR:710 | \$29**

**M01 Sa 9am-12pm**

Sept. 17

Endangered Wolf Center

### Overview of Oaks: Local and Abroad

Are you interested in learning more about the native oak trees that live among us and others from around the world? Join Tom Ebeling, Community Forester at Forest ReLeaf of Missouri and explore the many varieties of native oaks and other interesting oak trees and facts including oak history, differences in red and white oaks, commercial, ecological, urban and wildlife benefits, and much more. You will also learn how Forest ReLeaf grows all kinds of oaks and how you can too! Offered in partnership with Forest ReLeaf of Missouri.

**NATR:722 | \$25**

**650 Th 6pm-8pm**

Sept. 22

Tom Ebeling

MC - SO, 109

### New Grass Identification without Keys

From prairie to woodland to pasture to spring to roadside grasses-this class will help you increase your knowledge of grass identification and provide an overview and recognition of many of the common grass families including panicums, bromes and elymus. Class discussions will be enriched with a weekend field trip where you will create your own personal herbarium notebook of species with assistance from members of the Native Plant Society. Provide own transportation.

**NATR:723 | \$49**

**650 Tu 6:30pm-8:30pm**

MC - SW, 106

Sa 9am-12pm

Sept. 10

Sept. 6 - Sept. 13

MC - Off Campus

### Geology of Missouri

Spend a few hours learning about the geology and geography of Missouri in an informal atmosphere. We will discuss how our state has been shaped by glaciations, earthquakes, uplift and warm, and shallow seas. Learn about the processes that gave us the nickname "The Cave State." We will also take a look at the economic impact rocks and minerals have had on our state's economy.

**NATR:730 | \$29**

**680 Sa 9am-12pm**

Oct. 8

Jeffrey Smith

MC - SW, 106

### Exploring Fall and Winter Night Skies

Class meets on Mondays and Wednesdays. Learn how to use the unaided eye, binoculars or small to medium sized telescopes to find, identify and observe the astronomical objects and events of late fall and winter including the moon, planets, artificial satellites, meteors, comets, stars, constellations and nebula. Bring to class: a planisphere 35 - 45 degree latitude, such as Phillip's planisphere 6" or larger, and current issue of Sky and Telescope magazine. One field trip required. Details to be announced in class. Provide own transportation.

**NATR:732 | \$59**

**650 M 7pm-9pm**

Aug. 22 - Aug. 29

W 7pm-9pm  
Aug. 24-Aug. 31

Michael Malolepszy

MC - SO, 107

MC - SO, 107

### Eclipses, Meteors and Comets

There is much more to the skies than just star gazing. Some of nature's most spectacular astronomical phenomena were at times terrifying to peoples of the past. They include lunar and solar eclipses, meteor showers and bright comets, all of which can be enjoyed with nothing more than the unaided eye. Learn how to enhance those experiences with inexpensive tools such as binoculars and how to do safe solar eclipse observing with appropriate but inexpensive items such as "eclipse glasses." This is your chance to learn how to do all this from an experienced observational astronomer and past president of the St. Louis Astronomical Society.

**NATR:732 | \$25**

**680 Sa 9am-12pm**

Aug. 27

Michael Malolepszy

MC - SO, 108

### New Beekeeping: Pest and Disease Management

Maintaining healthy, productive colonies is essential for every new and experienced beekeeper to sustain their hives and honey production. Join local beekeeper and business owner, Jane Sueme, to learn about common insect pests and parasites, how to spot signs of disease and how to mitigate the effects to the colony and other honeybee colonies. You'll also learn about techniques to protect stored equipment from insect damage.

**NATR:733 | \$29**

**680 Sa 9am-12pm**

Oct. 8

Jane Sueme

MC - SO, 107

### Introduction to Beekeeping

Bees play an important role in agriculture as pollinators of flowering plants that provide food, fiber, spices, medicines and animal forage. Beekeeping can be a hobby, a secondary business, or a full-time vocation. It is a relatively inexpensive hobby that provides a sweet bonus each year. Is beekeeping right for you? Come and learn how to attract native pollinators and honey bees by planting a pollinator-friendly garden and constructing nesting habitat for native pollinators. We will also present introductory information on getting started with beekeeping and honey bee products of the hive.

**NATR:733 | \$29**

**681 Sa 9am-12pm**

Dec. 3

Jane Sueme

MC - SO, 107



# Call 314-984-7777 to register today!

## Non-Discrimination/Accommodations Statement

St. Louis Community College is committed to non-discrimination and equal opportunities in its admissions, educational programs, activities, and employment regardless of race, color, creed, religion, sex, sexual orientation, national origin, ancestry, age, disability, genetic information, or status as a disabled or Vietnam-era veteran, and shall take action necessary to ensure non-discrimination. Sexual harassment, including sexual violence, is also prohibited. For information or concerns related to discrimination or sexual harassment, contact Patricia Henderson of Human Resources, 314-539-5214.

If you have accommodation needs, please contact Ann Marie Schreiber, 314-984-7704, at least six weeks prior to the class or event.

## Firearms on College Property

Except for licensed police officers, no person shall possess or carry any firearm, visible or concealed, on College property (including College buildings and grounds-leased or owned by the College-College athletic fields and parking lots) or in any College van or vehicle or at College-sponsored activities. College employees, students and visitors who hold concealed carry endorsements as allowed by Missouri law may not carry or bring any firearms, visible or concealed, on College property, owned or leased, or at any College activities.

## Registration is Easy!!!



### Mail

Complete the registration form (below) and mail with check (payable to St. Louis Community College) to:  
**STLCC Continuing Education, 3221 McKelvey Road, Suite 250, Bridgeton, MO 63044**

Students who register by mail should assume they are registered unless otherwise notified. A registration confirmation is mailed to students who register by mail; however, the confirmation may not be received prior to the beginning of the class. If you have enrollment questions, please call Continuing Education: 314-984-7777.



### In Person at STLCC Continuing Education Offices M-F 8:30 am - 4 pm

#### Meramec

802 Couch Avenue  
 St. Louis, MO 63122

#### Florissant Valley

At the Center for Workforce Innovation  
 3400 Pershall Rd., Ferguson, MO 63135

#### Forest Park

Forest Park, G Tower-320-322  
 5600 Oakland Ave., St. Louis, MO 63110

You may want to first call the Continuing Education office at 314-984-7777, to check that openings exist.



### By Phone

Call to complete your registration by charging fees to MasterCard, Visa, American Express or Discover.

Telephone: 314-984-7777

NEW-Call Center Hours: M-Th 8:30 am - 5 pm; Fridays 8:30 am-4 pm

Before calling to register, have this information ready:

1. Course Title / Course Code (letter prefix with number) / Section Number
2. Student Contact Info (name / address / phone number /email)
3. Student Number or UIN
4. Credit Card Number with Expiration Date



### Online: www.stlcc.edu

Visit our website and click on the "Continuing Education" link — where you can view current class offerings and to register for classes.

Enrollment in classes within this brochure, except for youth section classes, is limited to persons 16 years or older.

### Registration Deadline

All non-credit courses are limited in enrollment. Advanced registration is required.

### Automatic Bank Payment (ACH)

All checks will be converted to an electronic Automated Clearing House (ACH) transaction whether the payment was made in person or mailed.

## Mail-In

Registration form Please print in ink.

Please register me for the following courses:

Course Code	Section	Course Title	Day/Time	Fees
<b>Total</b>				

Male  Female

Senior Citizen?  
 Yes  No

### Check Payment:

Please make checks payable to St. Louis Community College, and mail with form (address above).

### Credit Card Payment:

Charge fees to:

- MasterCard  
 VISA  
 Discover  
 American Express

Email Address: \_\_\_\_\_

UIN or Student#: \_\_\_\_\_ Birthdate: \_\_\_\_\_

Name: \_\_\_\_\_  
LAST FIRST MIDDLE INITIAL

Address: \_\_\_\_\_  
STREET OR POST OFFICE BOX

CITY STATE ZIP CODE

Telephone/Home: \_\_\_\_\_ Work: \_\_\_\_\_

CARD NUMBER Expiration Date: \_\_\_\_\_

Signature: \_\_\_\_\_