

Fall 2017

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 individuals the opportunity to complete the **Master Naturalist** program. This course of study includes both credit and non-credit classes. A non-credit **Master Naturalist** award of completion will be granted to individuals completing all components of the program.

Beginning Summer 2017: All new Master Naturalist participants must attain a grade of C or higher for credit classes in order to qualify toward the Master Naturalist program requirements. Individuals who began working toward Master Naturalist credit class requirements prior to summer 2017 will be grandfathered in to take classes by audit.

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

Ecology

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 year-round, 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 9/5. No refunds after this date.

ECOL:704 | \$49
6D1 Tu 7pm-8:30pm
Sept. 19

Simon Warren
MC - SW, 106

Landscape and Gardening

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. 23

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 learn about how hardy these varieties are and where they will work best in your garden.

HORT:708 | \$25
680 Sa 9am-11:30am
Oct. 14

Nancee Kruscheck
MC - SO, 107

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 about: laying out bed lines, 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
Oct. 7

Nancee Kruscheck
MC - SO, 107

Go Native! Native Landscaping for Bees, Butterflies and Other Pollinators

Fall is a great time to start thinking about what you want to bloom in the spring to attract pollinators to your landscape. Butterflies along with bees and other insect pollinators are environmental barometers. Healthy landscapes have large numbers and a wide diversity of pollinators—contaminated or altered landscapes do not. The best plants lure pollinators to their flowers by offering pollen, nectar, resin and oil, and by evolving visual and olfactory cues such as nectar guides, color and fragrance. Come get practical advice on getting started for selecting the optimal natives to attract various groups of pollinators.

HORT:713 | \$29
650 Tu 6pm-9pm
Oct. 3

David Tylka
MC - SO, 107

Making More Plants: Propagation Made Simple

Make more of your favorite plants in this hands-on class and 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. 30

Nancee Kruscheck
MC - SO, 108

New Succulents

Succulents are hot and trending in both gardening and decorating. Perfect for both the "seasoned" and "forgetful" gardener, this group of plants offers easy-to-care for choices for your home indoors and out. What to grow, how to grow, where to grow? We'll cover all this, with plenty of inspiring images to get you ready to grow these low-maintenance plants, both indoors and out.

HORT:722 | \$25
650 W 6:30pm-8:30pm
Sept. 13

Michelle Ochonicky
MC - SO, 108

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. 21

Nancee Kruscheck
MC - SO, 107

Right Tree, Right Place: Selection and Planting Advice

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 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. Offered in partnership with Forest ReLeaf of Missouri.

HORT:708 | \$25
650 Th 6pm-8pm
Oct. 9

Tom Ebeling
MC - SO, 109

Nature

Forest Park Owls: Hiding in Plain Sight

Join award-winning, 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. 7

Mark H.X. Glenshaw
MC - SO, 108

450 Th 6:30pm-8:30pm
Sept. 28

Mark H.X. Glenshaw
FP - C Tower, 221



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

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. 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 Mark H.X. Glenshaw
Oct. 12 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. 6

MC - SO, 232

Sa

Sept. 9

MC - Off Campus

Crows: Something to Crow About

American Crows, prevalent across much of the continent, are distinguished by their large, all black features and cawing voices. Come explore the world of this exceptional bird including discussion of the behavior and problem solving tactics they display as they interact with their habitat. Learn about food sources, nesting and other interesting facts. Other local corvids (Blue Jays and Fish Crows) will be included in the discussion. Offered in partnership with St. Louis Audubon Society.

NATR:709 | \$25

652 W 7pm-9pm

Oct. 4

MC - SO, 232

Woodpeckers

With the exception of Australia, almost every place in the world has woodpeckers. Closer to home, and depending on the season, Missouri is home to seven species. Join the St. Louis Audubon Society, and take an in-depth look at our local woodpecker species including adaptations compared to perching birds, facts about physical features, communication, habitats, sources of food, lifecycle, how they help trees and forests stay healthier and more. You'll also learn how you can attract woodpeckers and provide places for woodpeckers to feed and nest. Offered in partnership with St. Louis Audubon Society.

NATR:709 | \$25

654 Tu 7pm-9pm

Nov. 7

MC - SO, 232

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 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. 7

Tony Elliott
MC - SO, 108

Insects of Missouri

Join Chris Brown, research entomologist, conservationist and photographer as he shares information on the broad variety of insects with specific habitat associations within Missouri's ecoregions. Through close-up photos, you'll learn about the fantastic diversity, introductory level morphology and taxonomy along with some of the fascinating natural history aspects of Missouri's insects.

NATR:715 | \$25

650 W 6pm-8:30pm

Oct. 4

Chris Brown

MC - SO, 108

New Wildflowers of Late Summer

There is an abundance of yellow aster family plants blooming in the fall - appropriately referred to as DYC's those "Darn! Yellow Composites!" How do you tell them apart? Join native plant experts and learn to appreciate and identify the multitude of wildflowers of later summer with an emphasis on the yellow-flowered members of the Aster family that grow natively in the St. Louis area. Classroom discussion will be enriched with a weekend field trip where you will have an opportunity to apply your new knowledge and skills. Field trip details to be discussed in class. Provide own transportation. Offered in partnership with the Missouri Native Plant Society.

NATR:723 | \$39

650 Th 6:30pm-8:30pm

Aug. 24

MC - SW, 108

Sa 9am-12pm

Aug. 26

MC - Off Campus

On the Brink Again? Recovering Two Endangered Wolf Species

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. 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. Call EWC at 636-938-5900 for directions and location details. Offered in partnership with the Endangered Wolf Center. Registration deadline 9/28. No refunds after this date.

NATR:727 | \$29

MD1Sa 9am-12pm

Oct. 7

Endangered Wolf Ctr

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, 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. 7

Jeffrey Smith

MC - SW, 106

Exploring Fall and Winter Night Skies

Class meets on Mondays 10/23, 10/30, and Wednesdays 10/25, 11/1. 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 & Telescope magazine. One field trip 11/3-11/5, details to be announced in class. Provide own transportation.

NATR:732 | \$59

650 MW 7pm-9pm

Oct. 23 - Nov. 1

Michael Malolepszy

MC - SO, 232

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 in 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

Sept. 30

Michael Malolepszy

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 honeybees by planting a pollinator-friendly garden and constructing nesting habitat for native pollinators. Introductory information on getting started with beekeeping and honeybee products of the hive will be discussed.

NATR:733 | \$29

681 Sa 9am-12pm

Dec. 2

Jane Sueme

MC - SO, 108

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 a local beekeeper and business owner 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. Techniques to protect stored equipment from insect damage will also be presented.

NATR:733 | \$29

680 Sa 9am-12pm

Sept. 23

Jane Sueme

MC - SO, 108

New Unique Animals and Plants of Australia

Australia has been geographically isolated for over 45 million years resulting in an abundance of plants and animals that are found only on this continent (endemic). An amazing 80% of the mammal, reptile, frog and flowering plant species are endemic to Australia. Australia's diverse oceans support around 4,000 of the world's 22,000 types of fish. With its temperate and tropical rainforests, deserts, grasslands and coral reefs, this unique continent accounts for almost 10% of the total biodiversity of Earth. Biology professor Dave Tylka will show photos and discuss the remarkable natural histories of the larger, more unique animals and plants.

NATR:765 | \$25

650 M 6:30pm-8:30pm

Oct. 16

David Tylka

MC - SO, 108



Call 314-984-7777 to register beginning August 7

Non Discrimination and Accommodations statements

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 Mary Zabriskie, J.D. at 314-539-5345.

Access Office – disAbility Support Services for students with documented disabilities are available through campus Access offices. These services include: advising and academic counseling, coordination of academic accommodations and support services, consultation with faculty and staff regarding accommodation needs as well as help with connecting to community professionals and agencies. To qualify for services complete the online Application for Services and contact the Access Office on the campus where you plan to attend. Applications are accepted at any time during the semester, but the College recommends submitting requests as early as possible to allow time to make any necessary arrangements in time for the start of classes. Accommodations are generally not provided retroactively so it is important for you to apply for accommodations and provide documentation that supports your requested accommodations as soon as you can. For more information, visit stlcc.edu/disability or call the Access Office on your campus.

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, Student Center, 125
 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
Total				

Male Female

Email Address: _____

Senior Citizen?

Student#: _____ Birthdate: _____

Yes No

Name: _____
LAST FIRST MIDDLE INITIAL

Do you have a disability-related need?

Address: _____

Yes No

STREET OR POST OFFICE BOX

CITY STATE ZIP CODE

Telephone/Home: _____ Work: _____

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

Expiration Date: _____

CARD NUMBER

Please check material fees prior to sending in payment.

Signature: _____