**QUESTIONS REGARDING REGISTRATION?**
Call 609.652.4227

**QUESTIONS REGARDING CONTENT?**
Call NJ Pinelands Commission at 609.894.7300, ext. 125

To register online:
stockton.edu/pinelands

To register by mail:
SEND THE FORM BELOW WITH PAYMENT TO:
Stockton University | Continuing Studies
101 Vera King Farris Drive
Galloway, NJ 08205

**Final Registration Deadline:**
March 9, 2020

**Cancellation Policy:**
No refunds

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**2020 PINELANDS SHORT COURSE REGISTRATION FORM**

**SATURDAY, MARCH 14 • STOCKTON UNIVERSITY**

Register one person per form, copy the form for additional registrants.

<table>
<thead>
<tr>
<th>1ST CHOICE</th>
<th>2ND CHOICE</th>
<th>3RD CHOICE</th>
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</thead>
<tbody>
<tr>
<td>9:00 a.m. to 10:15 a.m.</td>
<td>10:30 a.m. to 11:45 a.m.</td>
<td>1:00 p.m. to 2:15 p.m.</td>
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<tr>
<td>2:30 p.m. to 3:45 p.m.</td>
<td>3:45 - 4:30 p.m.</td>
<td>3:45 - 4:30 p.m.</td>
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</tbody>
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**REGISTRATION STARTS AT 7:45 A.M.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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</table>
| 9:00 - 10:15 | Pinelands Weather and Climate  
Preparedness for Climate Change  
Four Seasons of Forsythe  
A Tale of Two Cedars  
Bluestars and Cranberries  
Underwater History  
Frogs and Toads  
Purple Pitcher Plant  
A Pinelands Road Trip  
Serenity  
Galveston Trail  
Ghosts of the Wading River  
Forsythe Wildlife Drive  
Roadway Initiative  
Fire Ecology of the Pine Barrens |
| 10:30 - 11:45 | Pinelands Weather and Climate  
Preparedness for Climate Change  
Four Seasons of Forsythe  
A Tale of Two Cedars  
Bluestars and Cranberries  
Underwater History  
Frogs and Toads  
Purple Pitcher Plant  
A Pinelands Road Trip  
Serenity  
Galveston Trail  
Ghosts of the Wading River  
Forsythe Wildlife Drive  
Roadway Initiative  
Fire Ecology of the Pine Barrens |
| 1:00 - 2:15 | Pinelands Weather and Climate  
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A Tale of Two Cedars  
Bluestars and Cranberries  
Underwater History  
Frogs and Toads  
Purple Pitcher Plant  
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Forsythe Wildlife Drive  
Roadway Initiative  
Fire Ecology of the Pine Barrens |
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A Tale of Two Cedars  
Bluestars and Cranberries  
Underwater History  
Frogs and Toads  
Purple Pitcher Plant  
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**REGISTRATION FEE:**

- **CHECK ONE**
- **Adult** $50
- **Senior (65+)** $45
- **Student** $45

**Coffee and Cake**

- 3:45 – 4:30 p.m.

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**For questions about accessibility or to request an accommodation, please contact the Office of Event Services and Campus Center Operations at 609.652.4878 or event.services@stockton.edu at least 5 business days in advance of your participation or visit.**

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**31st Annual Pinelands Short Course**

**Saturday, March 14, 2020**

Hosted by Stockton University

A day-long event featuring educational presentations that explore the unique history, ecology, and culture of the Pinelands.

Educators can earn 5 professional development credits.
ECOSYSTEM/CLIMATE IMPACTS & SUSTAINABILITY  
PAST, PRESENT & FUTURE: A PERSPECTIVE ON SOUTH JERSEY'S RIVERS  
This presentation will focus on the weather and climate of the South Jersey region. We will discuss how climate processes and land use have shaped the river system and its ecological processes and land use history. The presentation will also provide information on the impacts of climate change on the region's natural resources and potential adaptation strategies. 

THE HISTORY OF SOUTH JERSEY’S RIVERS  
Dr. Carl Espenlaub, Professor Emeritus, Southeastern University  
The presentation will provide an overview of the natural history and cultural significance of South Jersey’s rivers. It will include an examination of the various types of river habitats and ecosystems, as well as the role of riverine species in the region’s biodiversity. The presentation will also discuss the historical and current threats to South Jersey’s rivers, including urbanization, agriculture, and climate change, and provide information on potential solutions to these challenges.

THE PAST, PRESENT & FUTURE OF THE SOUTH JERSEY PINELANDS  
James 8. Eberwine, Retired Meteorologist, National Weather Service  
Whether you are looking for a very hot or very cold temperature, you will find it on the Pinelands. In fact, the Pinelands is home to some of the most extreme weather patterns in the region. The presentation will provide an overview of the Pinelands' climate history, including the effects of climate change on the region's natural resources.

THE LICHEN AND FUNGUS OF SOUTH JERSEY  
Dr. Robert Zipse, Supervising Forester, New Jersey Forest Commission  
The presentation will provide an introduction to the world of lichens and fungi, including their ecological roles and the ways in which they contribute to the Pinelands' biodiversity. The presentation will also discuss the threats facing these organisms, including habitat loss and climate change, and provide information on potential conservation strategies.

NEW! THE PINE BARRENS - UNDERGROUND  
Michael W. Bogan, New Jersey State Climatologist  
The presentation will provide an overview of the Pine Barrens' underground world, including its unique geology, hydrology, and ecosystem. The presentation will also discuss the importance of protecting the Pine Barrens' underground resources and provide information on potential conservation strategies.

THE REAPPEARING PINE BARRENS - PLANTS AND FUNGI  
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THE HISTORY OF THE LAKE LANIER VALLEY  
Kenneth A. Tye, Professor Emeritus, Rutgers University  
The presentation will provide an overview of the history and cultural significance of the Lake Lanier Valley, including the impact of human activity on the region's natural resources.

NEW! THROUGH THE EYES OF A LICHEN - AMONG US  
Jonathan B. Hester, Marcellus-Campbell County Park District  
The presentation will provide an overview of the ecological roles and the ways in which lichens and fungi contribute to the Pinelands' biodiversity. The presentation will also discuss the threats facing these organisms, including habitat loss and climate change, and provide information on potential conservation strategies.

THE COLONIAL HERITAGE: HISTORIES AMONG US  
Jonathan B. Hester, Marcellus-Campbell County Park District  
The presentation will provide an overview of the history and cultural significance of the Pinelands' colonial heritage, including the impact of human activity on the region's natural resources.

HOW TO REGISTER ONLINE  
Click on stockton.edu/presents. 
1. If you have already registered for any other event this year, follow the steps below:  
   a. In the Search box choose Continuing Ed to find the drop down box.  
   b. Leave the second box empty, click on the magnifying glass.  
   c. Hover over the course you would like to register for and click on the plus sign that appears next to it.  
   d. **You must choose the 3rd course listed on the short form.**  
   e. After making all of your selections, click on the register button found on the lower right hand side of the screen.  
   f. Create a new account or sign in with your Stockton “12” number and password. 
   g. Click on the register button found on the lower left hand side of the screen.  
   h. Click to Proceed to the payment on the lower right hand side of the screen.  
   i. Click to Proceed to the payment on the lower right hand side of the screen.  
   j. Click on the submit button on the lower right hand side of the screen.  
   k. 10. Follow prompts to make payment by credit card or check.

**NEAR ME!**

If you already have registered within the Stockton community for any Stockton event, start by entering your “Z” number and pin on the right side of the screen. Then follow the steps above, omitting step 5 which will not be available.

NEW! THROUGH THE EYES OF A LYNX - WHITEHALL GLASS PLATE NEGATIVES  
Shawn Larson, Archivist and Historian, Whitehall Preservation Trust  
Thirty-nine delicate glass plates negatives in the archives of Whitehall Preservation Trust were consumed and digitized for the first time in 2019. Making them available for public viewing requires the skills of a professional conservator. Shawn Larson, archivist at Whitehall, will share how the skills of whitehall conservator John S. Carabine, will result in more in-depth and frequent workshops.  

NEW! THE CLIMATE OF NEW JERSEY  
Dr. David A. Robinson, New Jersey State Climatologist  
This presentation will provide an overview of the climate of New Jersey, including its weather and climate patterns. The presentation will also discuss the impacts of climate change on the region's natural resources and potential adaptation strategies.

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