Highlights

The 16th Annual Pinelands Short Course will feature ten new presentations this coming year. A total of nineteen different presentations will be offered including two field trips at nearby Pinelands locations.

The new presentations include, a Pinelands photography class with Michael Hogan a well-known Pinelands Photographer. History buffs can look forward to learning about the lesser-known New Jersey Revolutionary War history in the Pines.

There are numerous and exciting presentations discussing Pinelands plants and wildlife, including a new presentation on Timber Rattlesnakes.

The Sugar Sand Ramblers will cover Traditional Pinelands Music. There also will be presentations focusing on Pinelands Folk life, and the Traditional Usage of Native Pinelands Plants.

Water resources which are vital to the Pinelands will be showcased in two presentations, one to discuss the Kirkwood-Cohansey Aquifer and another following a drop of water as it travels from the Pinelands to the Ocean.

A new field trip to the Rutgers University, Silas Little Research Station will be offered as well as a tour of Whitesbog Village.

Other presentations included in this year’s program are The Health Benefits of Cranberries and Blueberries, Industrial Revolution in the Pinelands, a Pinelands Overview, and Fire Wise.

The Pinelands Short Course flames are still burning bright. Come rekindle the fire in your heart and experience the wild spirit of New Jersey’s Pinelands.
1. Pinelands Overview
William Dunscombe is Chairman of the Department of Biology at Union County College. His lively presentation is an introduction to the ecology and beauty of the New Jersey Pinelands.

2. Health Benefits of Cranberries and Blueberries
Amy Howell is a research scientist at the Rutgers Blueberry and Cranberry Research Center. She offers scientific evidence (recently published in the Journal of the American Medical Association) for why we should include these Pinelands fruits in our daily diet.

3. Pinelands Frogs and Toads
John Bunnell is a research scientist for the Pinelands Commission. His presentation informs us of the ecology of Pine Barren frogs and toads and their use as indicators of environmental conditions.

4. The Jersey Devil

5. Revolution in the Pines: the NJ Civil War 1775-1783 (New)
Tim Hart, President of the Stafford Historical Society & Thomas Franer, Author of Fighting to be Heard. Their presentation includes descriptions of the Affair at Egg Harbor, Skirmish at Manahawkin, Toms River Blockhouse, Barnegat Light Massacre, and the Battle of Cedar Bridge Tavern, perhaps the last documented land battle of the revolutionary war.

6. Fire Wise (NEW)
Maris Gabliks, State Fire Warden for the NJ Forest Fire Service will discuss how fire in the Pines helps residents and visitors.

7. Pinelands Folklife (NEW)
Angus Gillespie teaches American studies and folklore at Rutgers University and is Director of the New Jersey Folk Festival. He will inform us of the daily life of early Pine Barrens residents.

8. Traditional Use of Native Pinelands Plants (NEW)
Terry O'Leary is Education Coordinator at the New Jersey Forest Resource Education Center. His presentation will focus on the early settlers’ diverse uses of indigenous Pinelands plants.

9. Pine Barrens Photography (NEW)
Michael Hogan, Photographer We will cover equipment, film, processing, techniques, digital photography, software for editing, and locations in the Pine Barrens for photography.

10. Timber Rattlesnakes in the New Jersey Pinelands (NEW)
Kim J. Laidig, Research Scientist Pinelands Commission. This slide-show presentation will focus on the identification, anatomy, behavior, ecology, and conservation of the only venomous snake species in the Pinelands. Scientific research conducted on the timber rattlesnake in the Pinelands and elsewhere will also be discussed.

11. Research at the Silas Little Research Station (NEW)
John Dighton, Director of the Division of Pinelands Research at Rutgers leads a tour of the Silas Little Research Station and explains current investigation into soil organisms and nutrient cycling in the Pines. (Limited to 30 people)

12. Rare, Threatened and Endangered Pinelands Plants and their Habitats
Ted Gordon is a rare species specialist and past president of the Philadelphia Botanical Society. He explores rare plants in upland forests, bogs, savannas, pygmy plains, cedar swamps and other unique habitats.

13. Down a Sugar Sand Road (NEW)
The Sugar Sand Ramblers Band, will bring alive the traditional sounds of the Pinelands and pass along their experiences and stories.

Christina Watters is a researcher for the Wetlands Institute. She will talk about the nearly twenty species of turtles inhabiting the Pinelands National Reserve.

15. Tour of Whitesbog (Field Trip)
Maria Peter, Program Coordinator of P.I.N.E.S., and her staff conduct a tour of Whitesbog Village and its environs. The tour will include points of both natural and historical interest.

16. Kirkwood-Cohansey Aquifer System (NEW)
Claude Epstein, Professor of Environmental Studies at the Richard Stockton College will explain the flow of water into, through and out of the aquifer. His talk will explain why wetlands and streams exist and how floods are prevented.

17. Industrial Revolution in the Pines
Barry Brady is an archaeologist and planner for the Pinelands Commission. Learn how early industry took root in the Pinelands and changed the natural and cultural map of the region.

18. From the Pinelands to the Ocean (NEW)
Philip Broder, Director of Education for the Wetlands Institute. Learn the interrelationship among ecosystems as his presentation follows a drop of water from the Pinelands down through the salt marsh and out to the Ocean.

19. Pine Barrens to Tropical Forest: Long Distance Migratory Songbirds
Emile DeVito is an ecologist for the New Jersey Conservation Foundation. His talk focuses on Pine Barrens songbirds that overwinter in Neotropical areas.
The 16th Annual Pinelands Short Course  
Burlington County College’s Parker Center

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>Registration—Coffee/Juice/Danish</td>
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<tr>
<td>8:15 am</td>
<td>Welcome and Orientation</td>
</tr>
</tbody>
</table>
| 8:30 am–9:30 am | 1 Pinelands Overview  
CFG 421 01       |
| 9:40 am–10:40 am | 2a Health Benefits of Cranberries and Blueberries  
CFG 422 01       |
| 9:40 am–10:40 am | 3a Pinelands Frogs and Toads  
CFG 423 01       |
| 9:40 am–10:40 am | 4a The Jersey Devil  
CFG 424 01       |
| 9:40 am–10:40 am | 5a New Revolution In the Pines  
1775–1783  
CFG 425 01       |
| 9:40 am–10:40 am | 6a New Firewise: Burning in the Pines  
CFG 426 01       |
| 9:40 am–10:40 am | 7a New Pinelands Folklore  
CFG 427 01       |
| 9:40 am–10:40 am | 8a New Traditional Use of Native Plants  
CFG 428 01       |
| 10:50 am–11:50 am | 2b Health Benefits of Cranberries and Blueberries  
CFG 422 02       |
| 10:50 am–11:50 am | 10a New Timber Rattlesnakes in the Pinelands  
CFG 430 01       |
| 10:50 am–11:50 am | 7b New Pinelands Folklore  
CFG 427 02       |
| 10:50 am–11:50 am | 12a Rare, Threatened & Endangered Pinelands Plants  
CFG 432 01       |
| 10:50 am–11:50 am | 13a New Down a Sugar Sand Road  
CFG 433 01       |
| 10:50 am–11:50 am | 11 Research at the Silas Little Research Station  
CFG 431 01       |
| 10:50 am–11:50 am | 15a Tour of Whitesbog  
CFG 435 01       |
| 11:50 am–12:40 pm | 9a New Pine Barrens Photography  
CFG 429 01       |
| 11:50 am–12:40 pm | 14a Turtles of the Pinelands National Reserve  
CFG 434 01       |
| 11:50 am–12:40 pm | 3b Pinelands Frogs and Toads  
CFG 423 02       |
| 11:50 am–12:40 pm | 16a New Kirkwood-Cohansey Aquifer  
CFG 436 01       |
| 11:50 am–12:40 pm | 17a Industrial Revolution in the Pines  
CFG 437 01       |
| 11:50 am–12:40 pm | 18a New From the Pinelands to the Ocean  
CFG 438 01       |
| 12:40 pm–1:40 pm | 19 Pine Barrens Migratory Songbirds  
CFG 439 01       |
| 12:40 pm–1:40 pm | 9b New Pine Barrens Photography  
CFG 429 02       |
| 12:40 pm–1:40 pm | 10b New Timber Rattlesnakes in the Pinelands  
CFG 430 02       |
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CFG 428 02       |
| 12:40 pm–1:40 pm | 15b Tour of Whitesbog  
CFG 435 02       |
| 1:50 pm–2:50 pm | 18b New From the Pinelands to the Ocean  
CFG 438 02       |
| 1:50 pm–2:50 pm | 4b The Jersey Devil  
CFG 424 01       |
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CFG 434 02       |
Registration Form

Register ONE PERSON ONLY Per Form. Please copy the form for additional registrants.

Please Print
Name: __________________________________________________________________________________________________________
Street:______________________________________________________City, State, Zip:_______________________________________
Day/Evening Phone:__________________________________________E-mail Address: ______________________________________

If you are a teacher in New Jersey and would like to earn professional development units for participating in the course, please check here ❑.

Pre-Registration Fees

_____ Adult Registration @ $30 each. = $_______
_____ Senior Citizen (over 65) Registration @ $25 each. = $_______
_____ Student Registration @ $15 each. = $_______

There will be an additional $5 charge (in any category) for registering the day of the course.

_____ # of Box Lunches @ $8 each. = $_______
_____ # of Vegetarian Box Lunches @ $8 each. = $_______

Total $________

Enclose check, money order or purchase order payable to Burlington County College or Credit Card Information
❑ MasterCard ❑ Visa ❑ Discover ❑ Am Ex # _______________________________________ Exp. Date: ____/____
_______________________________________________   __________________________________________________
Card Holder's Name (please print) Card Holder's Signature:
____________________________________          __________________________________________________
3 digit Security Code (on back of card) Zip Code

Please indicate your workshop preferences. List your three top choices for each period, noting the course number in the appropriate time slot. Workshops will be assigned on a first-come, first-served basis. You will receive confirmation of your registration by mail.

Cancellation policy: Registration/lunch fees will be refunded, minus a $5.00 processing fee, if your cancellation request is received by February 25, 2005.

Mail this form with payments to:
Office of Community Enrichment
Burlington County College
601 Pemberton Browns Mills Rd.
Pemberton, NJ 08068

Questions Regarding
Registration?
Please call Ext. 7415 at (609) 894-9311

Questions Regarding
The Short Course Program?
Please call NJ Pinelands Commission (609) 894-7300