

This summer, why not look into a completely different field?



Photo by Amy Pearson

CAPE COD FIELD SCHOOLS Summer 2009

Active, Fun, Educational Courses for Adults

Enjoy learning in the beautiful coastal setting of Cape Cod. Wellfleet Bay Wildlife Sanctuary's Field Schools emphasize active outdoor "in-the-field" experiences and are taught by professional naturalists, scientists, and artists. The Outer Cape's beaches, woods, dunes, and wetlands provide the setting. Previous experience is not required—just a sense of adventure!

www.massaudubon.org/wellfleetbay/fieldschools

Four-Day Courses (*dinner provided on first night*)

TURTLES OF THE OUTER CAPE

June 22–25 \$235/Member; \$260/Non-member

We'll survey the Outer Cape's turtle populations through field research on two state-listed species, the northern diamondback terrapin (threatened) and the eastern box turtle (special concern). We'll actively participate in nesting surveys, radio tracking, mark-recapture studies, nest relocation and protection, and predator and habitat analysis. Evening lectures will complement field work. *Instructors:* Bob Prescott, Wellfleet Bay sanctuary director; Don Lewis and Sue Wieber Nourse of Cape Cod Consultants; and Barbara Brennessel, Professor of Biology at Wheaton College.

DIGITAL WILDLIFE PHOTOGRAPHY

July 23–26 \$325/Member; \$350/Non-member

Explore the art of wildlife photography using digital technology. Turtles, birds, and butterflies are just a few of the wild subjects we will photograph. This hands-on workshop focuses on the fundamentals of photography and an introduction to editing images using Photoshop and Lightroom. Use of the instructors' professional cameras and accessories will be encouraged. Participants should have working knowledge of their own equipment. *Instructors:* Shawn Carey, wildlife photographer and co-founder of *Migration Productions* and Eric Smith, photographer

COASTAL ECOLOGY BY KAYAK

August 2–5 \$270/Member; \$295/Non-member

Study the nature of salt marshes, coastal plain ponds, barrier beaches, dunes, and tidal rivers by kayak. Great Island in Wellfleet, Nauset Marsh, and Pleasant Bay, our paddling destinations, are some of the most scenic waterways on the Cape. Participants provide their own kayaks or use Wellfleet Bay's boats for a small fee. Basic paddling skills and the ability to swim are required. *Instructors:* Dennis Murley, Wellfleet Bay naturalist and David Weintraub, author of *Adventure Kayaking: Cape Cod and Martha's Vineyard*.

THE NATURE, CULTURE, & HARVEST OF SHELLFISH

July 29–August 1 \$295/Member; \$320/Non-member

Discover the fascinating life histories and biology of shellfish and how people use them. Learn to identify oysters, clams, and mussels and gain an understanding of how these marine invertebrates fit into coastal ecology. Assist with Wellfleet Bay's "oyster reef" project and learn about aquaculture, harvesting techniques, and the wild fishery. Cruises into Cape Cod Bay and Nauset Marsh are included, as are special shellfish tastings and a group lunch! *Instructor:* Barbara Brennessel, Biology Professor at Wheaton College and author of *Good Tidings: The History and Ecology of Shellfish Farming in the Northeast*.

ART OF NATURE SKETCHING

August 6–9 \$325/Member; \$260/Non-member

This workshop will combine the best of two worlds, the world of art and the world of natural history. Each day starts with basic drawing lessons and you will learn to build upon basic shapes to render plants, animals, and scenery. You need not have any art expertise. This is the 18th year Phyllis Evenden has taught Field School—a testament to her popularity as an instructor! *Instructor:* Phyllis Evenden, graphic artist and illustrator

SHOREBIRDS OF CAPE COD

August 19–22 \$325/Member; \$350/Non-member

It would be difficult to find a better place than Cape Cod to explore the subject of coastal ornithology and late August is the peak of shorebird activity. Field identification of coastal birds will be emphasized as we learn more about migration, behavior, and breeding biology. Excursions will include tours of Monomoy National Wildlife Refuge and/or South Beach in Chatham, Nauset Marsh in Orleans, and field walks throughout the Outer Cape. *Instructor:* David Clapp, naturalist and international tour leader



Mass Audubon
Protecting the Nature of Massachusetts

Wellfleet Bay Wildlife Sanctuary
508-349-2615

Two-Day Courses: \$185/Members; \$210/Non-members

PAINTING LANDSCAPES & SEASCAPES

July 17–18

This course will focus on using water-based media (watercolors, water-based oils, and/or acrylics) to interpret the natural landscape in an immediate and personal way. Using the beautiful surroundings of the Wellfleet Bay Sanctuary as our classroom, students will paint landscapes and seascapes while learning a variety of techniques and principles, including color, value, and composition. Instruction will be individualized so it is appropriate for all levels of experience.

Instructor: Karen North Wells, award-winning artist based on Cape Cod

SHAPING THE OUTER CAPE

July 20–21

Cape Cod, known for its natural wonders, also has a rich geologic and human history. This course explores the towns, harbors, beaches, and back roads of the Outer Cape to look at how geology and human events have shaped, and continue to shape, the region. Learn about the role of lighthouses and the rise and fall of saltworks, whaling, and agriculture. We'll also focus on glacial history and coastal processes that continue today.

Instructor: Dennis Murley, Wellfleet Bay naturalist

SEAWEEDS & SHORELINE BOTANY

August 12–13

Sea lettuce, sandwort, and spartina—discover the hardy seaweeds and plants that have adapted to the ever-changing coastal environment. Field trips to a variety of coastal locations and a Nauset Marsh cruise will provide excellent opportunities to learn about identification of these plants, their role in the region's ecology, and how humans use them.

Instructors: Dennis Murley, Wellfleet Bay naturalist and Gil Newton, Associate Professor at Cape Cod Community College and author of *Seaweeds of Cape Cod Shores*.

INTRODUCTION TO DIGITAL PHOTOGRAPHY

August 15–16

A beginner-friendly course that explores the art of digital photography while using the rich habitats of Wellfleet Bay as a backdrop. Indoor discussion of the many useful features found on most digital cameras is paired with in-the-field practice on such topics as resolution, exposure, depth of field, and composition. Demonstrations of how to use software applications to further enhance your images and prepare them for e-mail and print will also be given. Students must supply their own camera and have a basic understanding of how it operates.

Instructor: Bob Speare, Wildwood Camp director, naturalist, and photographer

Field Schools in the Off-Season

THE “PHYSICAL” CAPE COD September 10–13

\$270/Member; \$295/Non-member

Hike, bike, kayak, and swim your way up and down the Outer Cape! Each morning will start with an optional yoga session followed by active field trips led by a naturalist. We'll kayak in Nauset Marsh, bike in the Provincelands dunes, hike along ancient wooded trails and scenic beaches, and slip into quiet kettle ponds for refreshing swims.

MARINE ANIMAL STRANDINGS November 13–15

\$220/Member; \$245/Non-member

While we can never predict in advance if marine animals will wash ashore, this course is scheduled during peak time for strandings of sea turtles, ocean sunfish, and torpedo rays. Ultimately weather conditions will determine the strandings, but this unique weekend is designed for participants to get a “hands-on” perspective of rescue efforts and data collection by patrolling the beaches in search of cold-stunned sea turtles, collecting baseline data on stranded marine life, and performing necropsies on deceased individuals. A lecture and cruise into Wellfleet Harbor are included.

Contact us for details on these courses.

FEES: Please refer to details within brochure regarding prices for individual courses. A \$50 nonrefundable deposit per course, per registrant is due with registration. Balance due 30 days prior to course. Registration is accepted either through the mail or via telephone with a credit card.

CANCELLATION POLICY: Cancellations must be received *in writing* 30 days before starting date to receive full refund (less \$50 nonrefundable deposit). Cancellation less than 30 days before starting date results in forfeit of both deposit and balance. The sanctuary reserves the right to cancel any field school with a full refund to registrants. **NOTE:** Housing not offered. Please call for a list of accommodations.

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Please make checks payable to Massachusetts Audubon Society. To register, detach this form and return it with a \$50 nonrefundable deposit to:
Mass Audubon/Wellfleet Bay Wildlife Sanctuary, P.O. Box 236, South Wellfleet, MA 02663 Phone: 508-349-2615

Name _____ e-mail _____

Address _____ City _____ State _____ Zip _____

Phone: (Home) _____ Phone: (Cell) _____

☐ Male ☐ Female ☐ Mass Audubon Member Number _____ ☐ Nonmember

Field School Session(s) _____

☐ Check Enclosed ☐ MC, Visa, Discover # _____ Exp. Date ____/____ Signature _____

Total amount enclosed _____ Balance due _____ Date due _____

I have read and accept the cancellation policy. (Signature) _____