

## Ecotourism

### Ecotourism Seminars

CCCC has joined with the Chatham Conservation Partnership to promote an Ecotourism program by offering seminars and guided field trips throughout the spring, highlighting Chatham County's natural areas and opportunities for birding, canoeing, and hiking while emphasizing the importance of conserving natural resources. Check CCCC's website at [www.cccc.edu](http://www.cccc.edu), the Chatham Chatlist, or your local newspaper for specific offerings. For more information, call (919) 545-8044.

## Green Building

### Advanced Weatherization

Students will learn about advanced building science and master prop-based diagnostic techniques needed for work in the weatherization/energy retrofit field. This class is for the individual looking for advanced information and skills needed for career advancement and immediate employment in these fields.

**Course #:** C-1295

**Start • End Date:** 03/27/12 • 03/30/12

**Day:** TWThF **Time:** 8:30A – 5:30P

**Cost:** 121.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 140

*Instructor: John Delafield*

**Course #:** C-1296

**Start • End Date:** 04/24/12 • 04/27/12

**Day:** TWThF **Time:** 8:30A – 5:30P

**Cost:** 121.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 140

*Instructor: John Delafield*

### BPI Building Analyst Training

To prepare students to participate in weatherization programs, assessing building performance, remediation, and execute job site fixes. Students can sit for the BPI field and written exam.

*Text required.*

**Course #:** C-1738

**Start • End Date:** 03/06/12 • 03/22/12

**Day:** TTh **Time:** 8:30A – 5:30P

**Cost:** 121.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 134

### BPI Building Envelope Training

This is a 4-day intensive class that will familiarize students with the concepts of building science, building systems performance, combustion safety, airflow, safety procedures and concepts, and also with required tools. Successful completion of this class will prepare students for the BPI test regimen, resulting in a BPI EP certification, pending successful completion of written and field test procedures. *Text required. Field exam and test fees an additional \$250. Prerequisite: BPI Building Analyst Certification*

**Course #:** C-1739

**Start • End Date:** 04/10/12 • 04/19/12

**Day:** TTh **Time:** 8:30A – 5:30P

**Cost:** 121.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 134

### Energy Code Update

This class will educate building professionals about, and prepare them for, the pending changes in the energy portion of the North Carolina Residential Building Code.

**Course #:** C-1741

**Start • End Date:** 02/25/12 • 02/25/12

**Day:** Sa **Time:** 8:30A – 12:30P

**Cost:** 66.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 140

**Course #:** C-1742

**Start • End Date:** 04/28/12 • 04/28/12

**Day:** Sa **Time:** 8:30A – 12:30P

**Cost:** 66.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 140

### Introduction to Photovoltaic

This course introduces the concepts, tools, techniques, and materials needed to understand systems that convert solar energy into electricity with photovoltaic (PV) technologies. Topics include site analysis for system integration, building codes, and advances in photovoltaic technology. Students are eligible to sit for the NABCEP – Entry Level Certificate Exam.

*Exam fees are \$75.00.*

**Course #:** C-1740

**Start • End Date:** 01/17/12 • 05/03/12

**Day:** TTh **Time:** 6:30P – 9:00P

**Cost:** 176.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 136

*Instructor: John Delafield*

## Residential Building Science

This course is intended to develop a fundamental understanding of building science principles and applications, i.e. heat, air, moisture flow in buildings to optimize performance.

**Course #:** C-1297

**Start • End Date:** 02/20/12 • 04/30/12

**Day:** M **Time:** 6:30P – 9:30P

**Cost:** 121.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 137

*Instructor: Dan McFarland, Southern Energy Management*

## Sustainable Classes

### Carpentry, Electrical and Plumbing

Students will learn the fundamentals for basic house construction or remodeling work from experienced builder, teacher, and farmer, Kevin Meehan, with emphasis on renewable heating/cooling methods and ecological building techniques.

**Course #:** C-1733

**Start • End Date:** 01/17/12 • 04/03/12

**Day:** T **Time:** 7:00P – 9:00P

**Cost:** 66.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 135

### Growing Organic Vegetables

This course will present the fundamentals of organic vegetable growing and offer hands-on training in the most important skills involved. Grow, harvest, and utilize a variety of vegetables organically, learn about irrigation installation, and season extension structures.

**Course #:** C-1734

**Start • End Date:** 02/29/12 • 04/18/12

**Day:** W **Time:** 6:00P – 9:00P

**Cost:** 66.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 135

*Instructor: Doug Jones*

## Local Edible and Medicinal Plants

Meet, eat, and drink some of the abundant edible and medicinal plants growing wild in the NC Piedmont. In this hands-on field study, we'll cover identification, harvesting, preparation, and usage of foraged food and plant medicine. We'll celebrate the arrival of springtime as we explore a variety of local environments, including a visit to AbunDance Healing Arts Sanctuary.

**Course #:** C-1736

**Start • End Date:** 03/15/12 • 05/03/12

**Day:** Th **Time:** 5:30P – 8:00P

**Cost:** 66.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 135

*Instructor: Kim Calhoun*

## Permaculture Fundamentals

Permaculture is the design of sustainable human habits. This class covers the fundamentals of permaculture systems design for forests, fields, permanent gardens, water, animals, buildings, economics, and society. Two 8 hour weekend field trips dates TBD.

**Course #:** C-1735

**Start • End Date:** 02/02/12 • 03/22/12

**Day:** Th **Time:** 5:30P – 9:30P

**Cost:** 176.25 **Location Code:** PMC

**Building Location:** Bldg 045 Rm 138

*Instructor: Harvey Harman*

