

AB Tech Courses:

What: Passive Solar Workshop

When: April 18, 9:00-12:00, 115 Simpson, Asheville Campus, \$20

Agenda: This workshop will explore passive solar concepts in construction. The class will be a primer on components of passive solar design, NC tax credit options, and the many resources available. Students will learn passive solar strategies that can be used in home design, solar food dehydration, solar oven construction, as well as other applications. Ned Ryan Doyle is the instructor.

Register: Call 254-1921 Ext. 5824 for more info or go to

<http://www.abtech.edu/ce/schedule/gist.asp>

What: Applied Building Science

When: Wed, April 22-May 27, 6:00-8:30, 228 Haynes, Enka Campus, \$55

Agenda: Looking for An Entry Level Position in Green Building Construction? This class could give you the edge you need! Carl Donovan will be teaching this course and will delve into the concepts of building science and how they can be applied to existing homes and light commercial structures. Topics will include energy flow, infiltration, duct leakage, indoor air quality, moisture control and mechanical systems. (15 hrs) No fee exemption. Total Registration Fee: \$55.00 Wed. Apr 22-May 27, 6:00 PM - 8:30 PM.

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What: Low Tech Solutions to Drought

When: Sat., April 25-May 16, 8:00-12:00, 156 Dogwood, Asheville Campus, \$56.25

Agenda: This hands-on class will offer low tech solutions to dealing with drought. Students will explore simple but effective conservation measures including infiltration basins, berms, swales and check dams as well as learn how to make simple tools that are helpful to use. Bring shovels and rakes and plan to wear comfortable clothing. Sherry Ingram will teach this class, who is a Professional Geologist and owner of WaterLinks. Ms. Ingram has worked as an environmental geologist for 13 years on small and large projects.

What: Strawbale Construction

When: Sat, April 25, 9:00-12:00, 155 Dogwood, Asheville Campus, \$20

Agenda: This workshop will introduce students to the world of natural building with a focus on strawbale construction. Strawbale design strategies will be explored including: moisture, fire and structural concerns. Inspection, financing, and insurance issues will also be discussed. Heath Moody is the instructor.

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<http://www.abtech.edu/ce/schedule/gist.asp>

What: Natural Building 101-Complete Cob

When: May 22-24, 9:00-4:00 and May 30-June 20 (Sat. only) 9:00-4:00, 156 Dogwood, Asheville Campus, \$126.25

Agenda: Take sand, soil, and a bit of straw, mix it together with some water and what do you get? Cob! Learning the basic mixing technique for cob allows one to use this building material in a myriad of applications. Sculpt a bench, build a wall, construct an oven, create an entryway to a garden path or build a shed, a house...a village! Topics covered include the basics of cob mixing, site design, materials and application techniques including sculpture and finishing plaster. Bring your lunch, wear your creativity and work clothes and plan on getting muddy. Instructor will be Tony Beurskens, who has made beautiful structures out of cob all over the country!

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What: SmartWater Workshop

When: Wedn, June 10, 8:00-12:00, 200 Haynes, Enka Campus, \$75

Agenda: This half-day workshop will provide an overview of using our water most efficiently, including grey water systems, rain harvesting techniques, etc. Approved CE credits for architects pending. This class will be geared towards architects, contractors, and homeowners. Instructors to include Dan Stewart, Georg Efird, Sherry Ingram, Christine Jones, Carter Cone, and Rick Icenhower.

Register: Call 254-1921 Ext. 5824 for more info or go to <http://www.abtech.edu/ce/schedule/gist.asp>