

ADOBE 111: “Horno (Clay Oven) Design and Construction”

Learn the basics of building a traditional clay oven.

A 5-week **WEB CT Internet Course** presented through the college's distance education system. You need only **basic e-mail and internet skills** to participate.



You will be provided with step-by-step still image and video instructions to help you complete the weekly hands-on activities.

The steps include:

- Week 1: Horno Foundation
- Week 2: Horno Base
- Week 3: Horno Dome
- Week 4: Plastering
- Week 5: Safety, Firing, Cooking Techniques, Recipes

This course covers:

- different clay oven techniques used worldwide – mud brick, sand form etc.
- different foundation techniques and materials for your oven
- performing a soil test to determine soil suitability for your project
- mixing soil for mud bricks and mortar
- constructing a sand form for the dome of your oven
- adding an insulative layer to the dome of your oven
- plastering your finished oven
- firing and using your oven
- baking bread in your oven
- locating adobe material suppliers in your area
- essential tools for horno construction and use

Instructor: Kurt Gardella

Dates: e-mail me at kurtgardella@googlemail.com

Credits: 1 college credit (you may also audit this course)

Price: \$38 per credit for NM residents, \$100 per credit for non-NM residents. Some discounts are available for residents of **Alaska , Arizona , California , Colorado , Hawaii , Idaho , Montana , Nevada , North Dakota , Oregon , South Dakota , Utah , Washington and Wyoming** .Please inquire. Some additional fees may apply.

More Information and Registration:

kurtgardella@googlemail.com

www.kurtgardella.com/earthbuilding

Adobe construction taught via the internet? How is that possible?

The basic technical aspects of adobe construction are presented via the internet through reading and listening assignments as well as interaction with the instructor and other students via e-mail and an on-line discussion group. You complete the hands-on projects on your own using step-by-step instructions given to you by the instructor.

NNMC offers an **Adobe Construction Certificate** as well as an **Associates Degree in Southwest Construction**. Live classes are held in and around **El Rito, New Mexico** and are usually offered in 2 or 4-week blocks with some 1-week intensive classes meeting in the summer.