

ROYAL ROADS

Continuing Studies & the Canadian Earth Institute

Introduction to Cob Building

Date: Saturday, May 7, 2011

Length: 1 day

Times: 9am – 4pm

Cost: \$75 + GST

Instructor: Beth Cruise

Course Number: GLEL 2245

Topics :

- What is cob?
- Tools and materials
- Foundation/roof
- Cob mixing



Cob is a building material consisting of clay, sand, water and earth that has been used for construction since medieval times. It creates ideal structures as cob is fireproof, resistant to seismic activity, and inexpensive. Cob building has seen a revival in recent years by the natural building and sustainability movement. The materials used in cob building are local, long-lasting, non-toxic low impact. It's easy for anyone to learn cob building. It promotes community by building together. This workshop is an introduction only.

Learning Outcomes:

- A brief introduction to the philosophy and history of cob and other natural building methods
- Learn the advantages of building with earth in general
- Learn the essential aspects of building, sculpting and finishing cob
- Learn about materials, where to locate them and how to test them
- Learn about siting, foundations and drainage for small structures
- Learn about relevant tools for building
- Make up a number of different cob mixes for different situations



TO REGISTER: Online
www.royalroad.ca/continuing-studies
Phone: 250-3910-2600, ext. 4801
In Person: Grant Building, Room 117