

# AE / Arch 497H Design-Build Montana

## Sustainable Housing Solutions Course and Certificate Program *Students and volunteers of all backgrounds welcome!*

This 3-part course examines how **sustainable building methods** including can be utilized to improve the living conditions common on American Indian reservations.

**Part 1** (Spring '06): Students examine the physical and cultural context in which a green building will be designed and constructed.

**Part 2** (Summer '06): Spend a week on location in Montana assisting with the construction of a green building.

**Part 3** (Fall '06): Document and reflect upon this experience and make constructive recommendations for future research on housing programs for American Indian tribes in the Northern Plains.

### **Opportunities :**

- Learn about new and emerging sustainable building technologies and how they can be applied to solve housing problems
- Experience the location and people of the Northern Cheyenne Indian Reservation, and the sustainable values inherent to the Cheyenne culture.
- Help make a difference in some of the most disadvantaged communities in the U.S
- Earn a **Certificate in Sustainable Building Methods** from Chief Dull Knife College, Lama Deer Montana.

### **2006 AIHI Program: Early Childhood Learning Center - Phase II**

In 2006, our program will center upon Phase II construction of a [4800SF daycare center](#) on the Northern Cheyenne reservation. This building will be a [LEED Certified Green Building](#), and featuring strawbale construction, natural lighting, and a highly efficient environmental control system. Our work this summer will focus on the completion of this building, and the construction of a "learning landscape" play area for the center.

In conjunction with the Spring and Fall courses at Penn State, *three one-week workshops will be held in Montana during the **Summer of 2006.***

**Week 1:** June 25 - July 1

**Week 2:** July 2 - July 8

**Week 3:** July 9 - July 15



Application information (*reverse*)

[www.engr.psu.edu/greenbuild](http://www.engr.psu.edu/greenbuild)

# Sustainable Housing Solutions Course and Certificate Program *Participant Application*

## Get Involved!

**Enrollment Limited – Apply today!**

### **For Penn State Students:**

Penn State students will be expected to attend both AE/ARCH Spring and Fall\* courses, **and** at least one workshop in the summer)

*\*graduating seniors may be exempted from Fall course*

### **For other students, professional, and volunteers**

Sign up for a one week workshop in Montana to earn a Certificate in Sustainable Building Methods

### **Cost (includes on-site transportation, meals, and modest living accommodations)**

\$400 course fee [for students](#) of all ages, backgrounds, majors, and universities

\$600 / week workshop fee [for professionals/volunteers](#)

## APPLY TODAY!!!

**You can apply for our on-site team for the full course or summer program in Montana**

Last name	First name
Address	Email
	Phone
University and Major	(Expected) year of graduation (if applicable)
<b>Status:</b> <input type="checkbox"/> PSU Student <input type="checkbox"/> College Student <input type="checkbox"/> PSU Alumni <input type="checkbox"/> other _____	
<b>Primary Interests:</b> <input type="checkbox"/> Sustainability <input type="checkbox"/> Housing <input type="checkbox"/> American Indian Culture <input type="checkbox"/> Adventure	
What do you hope to gain from participating?	
Please describe any special skills that could contribute to the project or this program.	
How did you hear about the course?	
Your preference for a workshop date in the summer:    ___ <b>Week 1:</b> June 25 - July 1 ___ <b>Week 2:</b> July 2 - July 8 ___ <b>Week 3:</b> July 9 - July 15	

**Apply online: [www.engr.psu.edu/greenbuild](http://www.engr.psu.edu/greenbuild)**