

Glacial Lakes Permaculture

All-Seasons Permaculture Design Course

Learn about permaculture throughout the seasons, with a focus on cold climates

This Permaculture Design Course covers the standard PDC curriculum commonly taught all over the world, but will include extra information tailored to the colder climate of the northern plains, as well as practical, hands-on components to spur active learning about permaculture processes and design. The PDC will run one day or weekend per month from July 2011 to March 2012 (see schedule on reverse). Come learn how to apply permaculture to your home, farm, and life throughout the four seasons!

Topics will include:

- History, Principles and Ethics of Permaculture
- Permaculture Design
- Whole farm design and planning
- Trees, forests, and windbreaks
- Water harvesting, storage, recycling
- Ecosystems, landscapes and soils
- Earthworking
- Urban and suburban permaculture
- Kitchen gardens, season extension
- Orchards and forest gardens
- Animals in permaculture design
- Sustainable building design
- Preserving the harvest
- **And much more....**



**DON'T MISS OUT ON THIS UNIQUE OPPORTUNITY!
FOR MORE INFORMATION, OR TO REGISTER, PLEASE
CONTACT US:**

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46554 SD HWY 28
ESTELLINE, SD 57234-6032



COURSE OUTLINE. The course will take place over 8 weekends, starting with one full weekend (Saturday and Sunday) in July 2011. Course venue is at **Glacial Lakes Permaculture, Estelline, SD**. Optional meetings will take place on Sundays during the growing season to give participants an opportunity to visit relevant local sites, do some hands-on work, and practice their design skills. *The schedule below may be subject to minor change.*

30 & 31 July 2011 – INTRODUCTION TO PERMACULTURE

- Permaculture: History, principles and Ethics
- Global issues and problems
- Major concepts, themes, patterns
- Basic principles of ecology
- Design methods: Zones & Sectors
- Practicals: Soils, tools, map reading, designing and building an herb spiral

13 August 2011 – ZONES O & I

- Zone O: Our houses
- Designing Zone I: The kitchen garden
- Garden agriculture
- Animals in permaculture
- Integrated Pest Management (IPM)
- Practical: Designing and planting an apple guild

10 & 11 September 2011 – ZONE II & SAVING THE HARVEST

- Zone II animals and crops
- Forest gardening (food forest design)
- Trees, forests, and windbreaks
- Climate and design
- Practical: Saving the harvest

8 & 9 October 2011 – THE FARM & PERMACULTURE (ZONE III & BEYOND)

- Larger-scale permaculture (Zone III)
- Farm forestry (Zone IV)
- Orchards
- Earthworks & Aquaculture
- Zone V (Natural ecosystems)
- Practical: Site analysis

12 & 13 November 2011 – DESIGNING FOR THE WORLD

- Humid cool to cold climates
- Humid tropics and dryland strategies
- Farm and urban/suburban systems
- Practical workshop on permaculture design

December 2011 – STUDENTS WORKING ON DESIGNS FROM HOME

14 January 2012 – CLASS PRESENTATIONS

- Presentation of first permaculture designs
- Income from an acreage
- Designing for disaster

11 February 2012 – SOCIAL PERMACULTURE

- ‘Relocalization’ & ‘Transition Towns’
- Intentional communities, ecovillages
- Bioregions
- Future scenarios

10 March 2012 – FINAL GROUP PRESENTATIONS

- Student design presentations & feedback
- Further training and education options/opportunities
- Class celebration!



COURSE FEES	Early Bird*	Full Fee^
Standard Rate	\$750	\$850
Student Rate ¹	\$600	\$700

*Paid in full by 15 June 2011

^Paid in full after 1 July 2011, but no later than one week before course starts

¹Students must be 18 or older and provide valid student ID

SPOUSE/PARTNER DISCOUNT: When two people from the same household enroll and one person is paying the standard rate, a 25% discount on the second person’s fees will apply. Sharing course materials is assumed.

Course fees include instruction, supplemental materials on DVD, morning and afternoon tea/coffee breaks, and a year-long membership in Glacial Lakes Permaculture Education.

Full payment is required when completed registration form is submitted. Qualified students may opt for a two-payment plan option (50% payment due on application; 50% balance due on first meeting).