

# Permaculture Design Certification PRI Finca Quijote, Costa Rica

## Information Sheet and Registration Form



### **PRI Accredited Certification**

The complete 72 hours of instruction, demonstrations, and performance objectives must be completed for certification from PRI. The delivery of this PDC course content is consistent with the 72 hours required by the accrediting organization, the Permaculture Research Institute of Australia and taught by PRI accredited Instructors. Accumulated hours and content will at a minimum cover the detailed topics below. Two tracks of study will include science and design. As the class proceeds, the content and topics of science will integrate with the design process. Design is presented in afternoon sessions. Regionally specific content will be presented within the broader context of global ecology.

### **PRI Global Accredited Instructors**

**Daniel Halsey** is a certified permaculture designer and instructor for the Permaculture Research Institute, Australia and a director of PRI/USA. Daniel has a Bachelor of Science degree in Temperate Climate Polyculture Design and a Masters of Professional Studies in Horticulture. Dan's studies and research focuses on ecological polycultures and food forest systems. He has co-authored three books on sustainable design including *Integrated Forest Gardening*, 2014. Dan travels nationally and internationally designing sustainable food production and living systems. He has designed and consulted on land sites in the USA, Scotland, Hawaii, Costa Rica, Canada, and Haiti.

**Neil Bertrando**, based in Reno, NV, runs RT Permaculture, a Permaculture consulting, design, and education business. He manages a 1.3 acre homestead with his wife Katie and the help of many in the community. His passion is enriching bioregions by building community and broadening the local genetic resources of practical plants and animals. In his teaching and design he applies Keyline Design, Permaculture and Holistic Management as interconnected systems approaches to managing the complexities of social-ecological systems. While he lives in a temperate arid climate, over the past 12 years, he has gained experience working in wide range of climate and cultural contexts such as Hawaii, Haiti, Minnesota, Maine, Montana, and Southern California.

Each full day will begin at 9:00 AM and ends at 4:00 PM, after this there will be an additional hour for general questions and answers with the instructors, this is for your benefit but is not mandatory. There is a very full plan for each of the days, but they include many types of activity, indoor/outdoor sessions, and time for refreshments. Time between modules is when we expect you will be busy with your design and assignments.

Course trips will include: Watershed hikes in the 547-hectare farm, interpretive activities at indigenous demonstration and cultural sites, and related landscapes as available. Volcano and coastal trips can be arranged privately.

## **Costs**

The fee for the Finca Quijote PDC is \$1500.00. This fee includes handouts, workshop materials, organic snacks, refreshments, site visits, and access to online support outside of course hours.

There are three payment options:

1. Advance payment in full (including deposit) \$1500.00 (Free Mollison Designer Manual for full payment)
2. Pay the deposit (\$250) to reserve your place and pay the remainder before the first course date
3. The Work, Trade, and Learn Program allows for bartering services and goods in exchange for the course.
  - a. Details are different for each trade.
  - b. Call to discuss the trade.

## **Registration**

To reserve your place please fill in the attached form and send a signed copy either digitally to our email address (dhalsey@integr.net) or by mail with payment (17766 Langford Blvd, Prior Lake, MN 55372).

When the deposit of \$250 is received your place on the course will officially be reserved and you will receive confirmation and access to our online support and materials via email.

## **Conditions and Cancellation policy**

- The deposit is non-refundable unless it is necessary for us to cancel the course for any reason.
- In the case of course cancellation all payments made will be refunded to you in full.
- If installment payments are not received on time, all participation and online support access will be suspended.
- Some courses added events have a day choice: the instructors and those taking the course; in order to provide flexibility, will organize the event dates. We call this community planning, and it enables the group to decide on the day for the next class together.

**2015 Registration: Internationally Accredited Permaculture Design Certification**

*To register for the permaculture design course, please complete this form as fully as possible, sign and mail it to the address above or scan it and send it to our e-mail address: [dhalsey@integra.net](mailto:dhalsey@integra.net).*

**(1) Contact details**

**\*Please write clearly or type in the boxes below**

Participant Name & Surname	
Gender	Male / Female
Address:	
Email:	
Phone (home):	
Mobile:	

**(2) Your individual needs**

Dietary Requirements	
Do you have any other needs (e.g. mobility, learning difficulties)	

**(3) How did you hear about the course?**

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**(4) What is your permaculture experience**

What related experience, knowledge or skill do you have?	
Have you attended any permaculture courses (if so, which course(s) and who was the facilitator/instructor?)	

What living space would you like to apply permaculture principles?	
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**(5) Your expectations for the course**

What are your reasons for joining the course?	
What are you hoping to get out of it?	

**(6) Your booking**

**The fee for the course is \$1100.00 Course payments are to be made to SouthWoods Forest Gardens**

**An initial deposit of \$250.00 is required for reservation.**

Please tell us your method of payment (mark your choice/delete the other options as appropriate):

- I am paying the full-course costs of \$1500 (Thank you gift, Mollison Designer Manual, \$104.00 value).
- I am paying a \$250 deposit with balance due 1/10/14

I agree to allow my photograph to be used in PRI Finca Quijote permaculture articles and communications.

**Your signature:**

**Date:**

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The Designer Manual, process guides, site assessment tools, and materials will be supplied. Each participant paying in full by check will receive the Bill Mollison book "Permaculture, A Designers Manual" free

**Meals:**

Fruit, snacks, breads, and drinks will be provided. Bring your lunch or something to share. Saturday dinner will be a group gathering at a local cafe or pub.

**Lodging:**

Non-commuting students - Tent areas and lodging available.

## SouthWoods Permaculture Design Certification Course

**Textbooks:** A Designers Manual by Bill Mollison  
 Pathways to Sustainability by David Holmgren  
 Site Assessment Workbook by Dan Halsey

**Content Online:** Various PDF and graphical documents will be supplied via e-mail and google docs. This documentation will be used for self-study **prior** to the course. Topical URL links will be supplied throughout the course for deeper learning, site assessment resources, and research.

### Content Outline

#### Science of Permaculture

#### Homestead Design

#### Series

#### Session One

- Course Handouts, Overview, and Syllabus
- Group introductions and announcements
- Introduction to Permaculture
- Our Context and Permaculture Ethics
- An Introduction to Sustainability and Permaculture Lifestyle

The Science and the Design of Permaculture  
 Ecological Design Philosophy & The Design Process  
 Base Map Design and Accuracy  
 Base Map Exercise: Symbols and

#### Session Two

- Climate
  - Weather
  - Seasonality
  - Disruption
- Microclimates
- Natural Patterns, Observation
  - Temporal
  - Spatial
  - Defaults
- Zones of Functional Space / Sector Analysis

Internet Resources for Site Assessment

- GIS, Local Resources, Database Access, Software, Site Documentation

#### Session Three

- Soils One
  - Types, Properties, and Ecology
  - Soil Organisms
- Plants One:
  - Plant Types
  - Propagation
  - Ecological Requirements
  - Characteristics, and Functions

Site Assessment and Limiting Factors.  
 Site Evaluation - Observation & Protocols  
 Design Drivers, Goals, Human Resources  
 Work on Base Maps

#### Session Four

- Topography, Slope, and Aspect

Case Studies in Ecological Design  
 Structure First, Species Last Succession  
 Bubble Maps and Concept Design  
 Exercise: Broad Acre and Residential Option

- Water; Ecology and Cycles
  - Catch and Store Systems
  - Catchments, Mass, and Uses
  - Keyline Design

### Session Five

- Soils Two
  - Web Soil Survey
  - Soil Capabilities and Limitation
  - Compost and Fertility
- Plants Two:
  - Human Uses
  - Polyculture Design
  - Extending the Harvest
  - The Importance of Density
  - The Power of Diversity

Design Practice  
Review Design Status  
Home and Community Garden Design  
Plant Databases/Plant Guild Structure  
Design Narratives

### Session Six

- Forest Ecology
  - Analyzing Patches and Niches
- Systems Thinking in Ecological Designs
  - Polyculture Designs in Landscape
- Trophic Levels in Nature
- Intro to Livestock (Small)

Design Practice, Plant Lists  
Site Assessment and Opportunities  
Laser Level and Sighting Catchment  
Areas

### Session Seven

- The Built Environment
  - Natural Building
- Cold Climate Strategies
- Dry Land Systems and Strategies

Symbols and Plant Placement

### Session Eight

Original Energy Systems:

- Solar, Hydro, Biofuels
- Heating and Cooling
- Aquaculture Systems and Integrated Hydroponics
- Beneficial Insect Management

Design Review Process  
Access, Water, and Permanence  
Designing in a Changing Climate

### Session Nine

- Insect Management and Habitat
  - Bio Controls
- Mycological Ecology
- The Original Lifestyle
- Future Scenarios

Applying Design Process to Future  
Community  
Landscape Design

**Session Ten (Graduation)**

- Future Scenarios Discussion (Cont.)
  - Sustainable, Intentional Community Design
  - Collapse; Economic, Social, Civic
  - Future Steps, Personal Choices
- Diplomas and Acknowledgements
- Final Comments, Evaluations, and Photos

Peer Design Presentations

Additionally: Video content used and supporting materials will be distributed as needed. Primary source material access will be supplied along with documentation for all presentations during the week. Additional books may be required for the course depending on the emphasis in learning.





