

Southern Harvest Education

Permaculture Design Certificate (PDC) Course Overview 2017



Introduction

August 12 and 13

- What is permaculture
- Garden farming
- History and ethics
- Ecology cycles, niches, food webs
- Permaculture principles
- The process of design and the scale of permanence
- Humans, climate and goal setting
- The language of design
- A garden farming pattern language

Soils and Sites

September 9 and 10

- Soil food web and living soils
- Soil nutrition and creation
- Soil testing and techniques
- Site surveying and mapping
- Site visits with a focus on urban scale
- Design exercise and presentation

Design Methods from Patterns to Details

September 30 and October 1

- Methods of design
- Design exercises
- Developing concept designs
- Detailed design and phased design strategies
- Design presentations

Sunshine Water and Trees

August 26 and 27

- Climates and geography
- Water cycle, catchments, rainfall, water harvesting
- Access
- Water harvesting and earthworks
- Base map creation
- Trees and their functions
- Windbreaks and agroforestry

Site visits to working properties

Garden Farming and Regenerative Agriculture

September 23 and 24

- Garden farming strategies for the urban homestead
- Regenerative agriculture techniques
- Farm planning and design strategies
- Urban site visit
- Forest Garden and food forests
- Vegetable production at home and on the farm
- Animal systems
- Site visits to focus on larger scale ag and regeneration

Permaculture and Community

October 14 and 15

- Structures, homes and the built environment
- Energy, self and the home economy
- Economic and enterprise design
- Community and school garden farming
- Bioregions and transition towns
- The creation of communities
- Designing for disaster and permaculture aid