

Course Outlines

Potential Guild Instructors: JB= Joe Blanton; MB=Mark Bowen; LC=Lewis Coleman; GE=Gary Edmondson; KF: Kirby Fry; DG=David Gresham; BH=Bill Hancock; DL=Diana Liga; PM= Patricia Michael; SM=Shawn McFarland; BR=Bob Randall; RS=Ray Sher; MCS=MC Swearingen; KT=Kevin Topek; AT= Amanda Tullos; CV=Cas Van Woerden; GV=Gita Van Woerden

FALL, WINTER, SPRING BASICS OF PERMACULTURE

—2 days for 10.5 hrs. (Required prerequisite for any other course)

Fall Module One Repeat

Day 1 Introduction to Permaculture

(a weekday night or Sat AM) 3 hr.

1 hr Intro [CV], PowerPoint about Guild teachers—pic and bio

1 hr Outline of courses [SM]

1 hr Mollison video)

Day 2 Basics of Permaculture

Sun (9-530) 7.5 hr

30 min check-in (students introduce themselves & talk about next class;)

1 hr PC Ethical and Design Principles [BH]

1 hr Principles and Methods of Design including function of connections [GV]

1 hr Lunch Break

1 hr Climate [BR]

1 hr Zones & sector, [MCS]

1 hr edge and pattern [BR/GE]

1 hr. Mapping and placement (LC, CV or GV)?

1 hr Designing with Permaculture Principles (GV)

Fall Module

DESIGNING BOUNTIFUL GARDENS USING PERMACULTURE

(5 days on weekends totaling 29.5 hr)

Day 1 Urban Garden Tour

Sat. 1-5pm [BR, RS] 4 hr

Day 2 BASIC GARDENING CONCEPTS 1

(11 am-5pm) Sun --6 hr

75 min Pests, beneficial critters, and eco pest management [DL]

1 hr veggies [DL]

2 hr. World Ecosystems and garden plants [BR]

1 hr Guilds [MCS]

¹/₂ hr Bioregional Organizing for Sustainable Food [BR/GE]

¹/₂ hr Farmers' Markets, Co-ops, Community Gardening, Slow Cooking [BR?]

Day 3 BASIC GARDENING CONCEPTS 2

Sun 930am-5pm---6.5hr

2 hr 15 min Soil the Foundation of Life including cover crops [KT, JB, BR]

1 hr animals in the garden [GV]

45 min Plants, seasons, climate, & microclimate [GE]

1 hr Fruit Trees [RS]

30 min Learning Gardening [RS]

1 hr. Breakout sessions: Designing a garden)[LC, & other instructors that day]

DAY 4 GARDENING SKILLS

Sat 930am-5pm (at Animal Farm) 6.5 hr

6.5 hr. Demos of planting seeds, transplants, sheet mulching, pruning, irrigation, tree planting. [CV & Guild]

DAY 5 GARDEN DESIGN & BUILDING

Sat 9:30am-4:30 pm Date (at Animal Farm) 6.5 hr

1 hr. Drainage Swales [CV]

1.5 hr Hands on garden designing [LC & GV]

4 hr. Hands on Building a Garden [LC, GV & guild]

Winter Module One Repeat

Introduction to Permaculture

Day 1. 7-10pm (see description above)

Basics of Permaculture

Day 2 (see description above) 900am-530pm

**Winter Module:
Designing Our Green Homes & Communities**

5 days for 30.5 hrs; tentative dates

Day 1 Urban Ecohouse Tour (affordable new and retrofit) (SM & AT)

Sat 1-5pm

Day 2 The Urban Ecohouse

Sunday 930-5pm 6.5 hr at UHI

1 hr. Climate and the Eco-house [SM]

2.5 hr The Ecohouse New and Retrofitted [SM]

30 min. Bioregional organizations for sustainable communities [BR]

30 min Texas Efforts and ecohousing [SM]

2 hr. Hands on designing the eco-house in small groups [SM]

Day 2 Skills and Concepts for Renewal

Sunday 9:30am-5pm 6.5 hr. at UHI

45 min Alternative Economics [BR]

45 min Placing the house and Designing for Disaster [BR]

2 hr Water supply and natural purification [JW CV]

2 hr. Renewable Energy [CV]

1 hr. Using local resources for building [GV]

Tentative Date Sun Feb 15

Day 3 Hands On Renewable Energy

Sunday 930am-5pm at Animal Farm 7hr

1.5 hr Building community neighborhood by neighborhood [PM]

5 hr. Hands on Renewable Energy [CV]

Day 4 Tomorrow's Ecovillages and Smart Cities

Sunday 9:30am-5pm 6.5 hr at UHI & EcoVillage

1 hr. Intro to sustainable communities & ecovillages [SM]

1.5 hr Land development, smart growth & Alternative Transit [DC]

4 hr Urban Ecovillage design practicum in small groups at

TBA [SM & GV & AT]

Spring Module One Repeat

Introduction to Permaculture

Day 1 Introduction 3 hr. 7-10pm Repeat of Fall, Tuesday Mar. 24

Basics of Permaculture

Day 2 Repeat of Fall, Sunday (900am-530pm)

**Spring Module:
Restoring Nature Using Permaculture Design**

(3 classes 19.5 hr)

Day 1 Ecosystems

Saturday 9:30am-5pm—6.5hr at UHI

2.5 hr Trees, Forests and Energy [BR MCS]

30 min Local Bioregional Organizing to Rebuild Nature {DG}

2.5 hr Texas Ecosystems [KF]

1 hr Prairies & Wetlands [MB]

Day 2 Ecology & Nature

Sunday 10am-5pm--6 hr at TBA

2 hr Basics of Ecology and the Global Ecological Situation [BR,

MV]

4 hrs. Observations and nature [JB or RS]

Day 3 Restoring Nature

Saturday 8:30-4 pm 6.5 hr at TBA

2 hrs Designing a Restoration [MB, JB, CLaChance?]

4.5 hr Hands on Restoration [MB, JB, Cris LaChance]

Graduation Tutorial

Tutorial Explanation [RS & Guild] 7-9pm TBA

Graduation 10am-4pm TBA