

COURSE SYLLABUS: BOTANY FOR HERBALISTS

Day 1: An Introduction to Botany

Morning Classroom

- Brief Plant Evolution
 - Phylogenetic Relationships
 - Plantae Kingdom
 - Algae
 - Bryophytes
 - Pteridoptera
 - Gymnosperms
 - Angiosperms
 - Monocots
 - Dicots

Common plant family characteristics

- Plant ID
 - Flower Parts
 - Botanical Latin primer
 - Binomial Key
 - Importance of Proper Plant ID

Wild plant importance to the herbalist/forager

Review of common poisonous plants

Lunch

Afternoon Field Study

- Plant Walk
- using a Binomial Key
- using Field Guides
- putting together a plant list

Day 2: Bio-regional Herbalism and Hands-on medicine making

Morning Classroom

- Brief History of Herbalism
- Ethical Wildcrafting
 - Sourcing-buying vs. collecting
 - Sustainability

- Conservation
 - Reseeding
- Collecting Wild Herbs
 - Proper Times
 - Processing Different Plant Materials
 - Proper Storage
- Bioregionalism
 - Convergence of Biomes in TX
 - Plant Adaptations to Climate
 - Local Consumption/Adaption

-Why you should become an active participant in your ecosystem

Lunch

Afternoon Field Study

- Continued Plant ID Practice
- Collection Techniques/Processing Plants
- Common Central Texas Materia Medica Plants
- Special Projects
 - How to Press Plants
 - Make a maceration tincture from freshly collected herbs