

# **WCC Advanced Beekeeping Class Outline**

## **The Current Status of Honey Bees**

The Current Status of Honey Bees and Beekeeping

Why did all my bees die?

## **The Colony: Organization, Anatomy,**

The Colony: Organization, Anatomy, and Honey Bee Biology

An in-depth look at the colony as a social organism

Overview of Honey Bee biology and anatomy

## **Evaluating and Rearing Queens**

Queen health

Evaluating the queen

Queen rearing for the small-scale beekeeper:

Miller Method

Cell Punch

Queen Castle

Classic Doolittle method

Tools and supplies

## **Communication and Navigation**

Honey Bee Communication and Navigation

## **Products of the Colony: Honey**

Honey: Extracted, Comb, Creamed

Adulteration of honey

Labeling

Honey Tasting

Preparing for a honey show

Varietal Honey

Labeling requirements for honey in NC

## **Other Products of the Colony and building woodenware**

Wax: Rendering wax, uses of wax

Pollen: Bee Bread

Propolis

Bee venom

Selling Honey Bees in NC

Building your woodenware or is it better to buy it?

## **Turning your hobby into a business**

Making Money with Bees

Taking your beekeeping to the next level

Beekeeping: Successful Management Practices

An Organic Management System for Honey Bees,