

Field Day Schedule Saturday, March 30th

We will meet in the same room in the Agriculture building. Hive inspections and demonstrations will be in the arboretum behind the building. Drinks/water and snacks will be provided.

11:00AM-12:00PM

NCSBA certified exam (for NCSBA members seeking certification)

12:00PM-1:00PM

Discussion in the classroom

- what to expect in the bee yard today
- protective wear (inspection, fit, proper wear)
- precautions (handling frames, movements, positions, fragrances, vibrations, etc) - stings (what to do and not to do)
- emergencies (what to do)
- questions?

1:00PM-2:30PM

Demonstrations in the arboretum behind the building:: Lighting a smoker

Using tools

- smoker
- hive tools (straight, j-hook) - frame grip
- bee brush
- spacers

Hive components and setup Inspection techniques

- preparation
- smoking
- position; movement
- opening the hive
- 1st frame removal
- frame handling
- frame inspection
- inspecting subsequent frames
- monitoring bees behavior (agitation, robbing, aggressiveness)
- varroa mite monitoring using the powdered sugar shake method - reassembly

Hive inspection – Identify:

- Bees [workers, drones, queen (or signs of a queen)]
 - Brood [egg, larvae, pupae, drone, worker, queen (if present)]
 - Strength of hive [brood amount/pattern, number of bees, food stores]
 - Cell types [drone cell, worker cell, queen cell and cups (if present)]
 - Stored food [honey (capped and uncapped), pollen]
 - Pests (if present) [mites, ants, beetles (adult and larvae), wax moths (adult and larvae), etc] -
- Signs of viruses or disease (what to look for)

2:30PM to 3:00PM

Brief wrap-up (5-10 mins) and answer questions in classroom Handout course certificate and graduation gift

Note:

- Approximate schedule – may be more or less depending on participation and questions

Weather and bees' temperament will determine how long we will be inside the hive