

Field Day Schedule  
Saturday, ~~March 18~~ **March 25**

We will meet in the same room in the Agriculture building. Hive inspections and demonstrations will be in the arboretum behind the building.

10:00AM-11:00AM NCSBA certified exam (for NCSBA members seeking certification)

11:00AM-12:00PM Lunch [bring your own lunch/snacks (we will supply drinks/water)]

Discussion during lunch in 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?

12:00PM to 1:00PM Demonstrations:

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
- 1<sup>st</sup> frame removal
- frame handling
- frame inspection
- inspecting subsequent frames
- monitoring bees behavior (agitation, robbing, aggressiveness)
- reassembly

1:00PM to 2:00PM 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)

2:00PM 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
- We may break into 2 smaller groups for hive inspections depending on class size and participation
- Weather and bees' temperament will determine how long we will be inside the hive
- In case of inclement weather, field day will be postponed to the following Saturday, ~~March 18~~ **March 25 [TBD]**.