

8:00-8:30 registration

8:30-8:40 welcome

8:40-9:15 Honeybees and honeybee colonies, beekeeper's slang

- Honey bee anatomy, head, thorax, abdomen
- castes; queen, worker, drone
- Honey bee development; egg, larva, pupa
- colony activities, division of labor; nest cleaning, comb building, ventilation, guarding, foraging and communication(waggle dance)
- Swarming
- Beekeeper's slang; deep or brood, medium, shallow, queenless, Queenright, swarm, colony, hive, etc <http://www.bushfarms.com/beesterms.htm>

9:15-10:00 Equipment and the beehive, some assembly required

- Equipment; veil, smoker, hive tool, etc.
- Supers, how to assemble
- Frames, how to assemble
- Foundation, how to install
- Screened bottom board, inner cover, telescoping cover, etc

10:00-10:30 break (how to light a smoker)

10:30-11:15 Bee yards and installing honeybees

- Where to place a beehive
 - Forage considerations
 - Water, wind, sun, people, pets
- Nucs- how to install
- Package of bees- how to install
- Swarms –how to install
- Pros and cons of nucs, packages and swarms
- Feeding bees

11:15-12:00 hive management - inspecting the hive

- When to examine the colony
- What to bring
- Why keep a diary
- Dressing for the job
- Ouch, I got stung
- Smoking – why
- Examining the colony- reading the frames

12:00-1:00 lunch (provided) slide show of bees

1:00-1:45 A year in the hive

- Spring
- Summer
- Fall
- Winter

1:45-2:30 Problems you may encounter

- Common problems, mites, wax moths, small hive beetle, nosema, queenless/laying worker, robbing
- Uncommon problems, AFB, EFB, chalkbrood, etc
- IPM

2:30-3:00 break

3:00-3:45 Honey- from the hive to the bottle

- When is the honey ready
- How to remove from the hive
- Extracting
- Bottling
- Comb honey, creamed honey

3:45-4:15 Q & A