

# HCBA 2018

## Beginner Beekeeper Education Classroom Syllabus

Session	Module	Class Time	Instructor
One Jan 15, 2017	Introductions & Overview <ul style="list-style-type: none"> <li>● Partnerships</li> <li>● Scope</li> <li>● Ownership, mentorship, continuing education</li> </ul>	10 mins	Pat Roe
	Henderson County CED, Henderson County Extension Service	10 mins	Terry Kelley
	An Introduction to Beekeeping-The Basics, How to get the most out of Bee School	60 mins	Stuart Van Meter
	The History of Beekeeping <ul style="list-style-type: none"> <li>● Beehives &amp; Beekeeping</li> <li>● Langstroth and His Hive</li> <li>● Beekeeping Today</li> </ul>	20 mins	Gary German
Two Jan 22, 2017	Bee Biology - The individual bee <ul style="list-style-type: none"> <li>● Biology/Life Cycle of Honey Bees               <ul style="list-style-type: none"> <li>○ Brood Developmental Cycle</li> <li>○ Adult Life Progression</li> </ul> </li> <li>● Anatomy</li> <li>● Immune System</li> <li>● Different Bees for Different Seasons</li> </ul> Bee Biology - The colony <ul style="list-style-type: none"> <li>● Annual Cycle of the Colony – The Superorganism</li> <li>● The Honorary Mammal</li> <li>● Behavioral Plasticity</li> <li>● Communication               <ul style="list-style-type: none"> <li>○ Let’s Dance / The Three Dances</li> <li>○ Frequencies / Vibrations</li> <li>○ Pheromones</li> </ul> </li> </ul>	80 mins	Sarah McKinney (Wild Mountain Bees)
	The HCBA Support System Mentorship <ul style="list-style-type: none"> <li>● Requesting a mentor               <ul style="list-style-type: none"> <li>○ How many mentors is the correct number?</li> <li>○ Who do I ask?</li> </ul> </li> <li>● Mentor’s responsibilities               <ul style="list-style-type: none"> <li>○ Communications</li> <li>○ Honesty and Ethics</li> </ul> </li> <li>● Mentee’s responsibilities               <ul style="list-style-type: none"> <li>○ Having the ‘right’ info</li> <li>○ Documentation</li> <li>○ Respecting time and distance</li> </ul> </li> <li>● Code of Ethics Policies</li> </ul> Continuing Education <ul style="list-style-type: none"> <li>● Self help - books, journals, involvement w/fellow beekeepers, etc</li> <li>● Johnson Farm Beekeeper Workshops</li> </ul>	20 mins	Antoine Ignizio          Antoine Ignizio



# HCBA 2018

## Beginner Beekeeper Education

### Classroom Syllabus

Five Feb 12, 2017	<p>Summer (June-July-August)</p> <ul style="list-style-type: none"> <li>● Inspections</li> <li>    Laying queen?</li> <li>    Eggs? Larva? Capped Brood?</li> <li>    Hive beetles? Varroa?</li> <li>    Adequate room for brood, honey, pollen</li> <li>● Feeding if needed</li> <li>● Supering (Sourwood flow)</li> <li>● Honey</li> <li>    Removing, replacing supers</li> </ul> <p>*Recordkeeping</p> <p>Fall (September-October-November)</p> <ul style="list-style-type: none"> <li>● Robbing</li> <li>● Feeding/Nutritional Issues</li> <li>● Honey stores</li> <li>● Moving Bees</li> <li>● Adding and removing supers</li> <li>● Mite control</li> <li>● Recordkeeping</li> </ul> <p>Winter</p> <ul style="list-style-type: none"> <li>● Stores</li> <li>● Mite treatment</li> <li>● Mouse guard</li> </ul>	70	Scott Davis Pres. Buncombe County Bee Club
	<ul style="list-style-type: none"> <li>● Bear Fencing</li> </ul>	30 mins	David Foti
Six Feb 19, 2017	<p>Diseases and Parasites of the hive</p> <ul style="list-style-type: none"> <li>● Invaders: Mites, SHB, Wax Moths, etc</li> <li>● Bacteria and Fungus: EFB, AFB, etc</li> <li>● IPM</li> <li>● Treatments: Treatment Free, Hard and Soft Chemicals</li> <li>● DriftWatch and BeeCheck</li> </ul>	100 mins	Lewis Cauble, Apiary Inspector at NC Dept of Agriculture and Consumer Services
Seven Feb 26, 2017	<p>Most Frequent Problems for a New Beekeeper</p> <ul style="list-style-type: none"> <li>● Review of some key points covered in class.</li> <li>● Lessons from their beginner beekeeper experiences.</li> <li>● Q&amp;A</li> </ul>	50 mins	Panel Discussion
	Review of Apiary Syllabus	15 min	
	Closing Comments	15 mins	
	Closing Comments	15 mins	Pat Roe

**Topics Formerly in Classroom Moved to Monthly Meetings and/or Apiary Sessions:**

- Pollination and Nectar Plants
- Products of the Hive
- Processing Honey
  - Adding/Removing supers
  - Extracting
  - Storing equipment