HCBA 2018

Beginner Beekeeper Education Classroom Syllabus

Session	Module	Class Time	Instructor
One Jan 15, 2017	Introductions & Overview Partnerships Scope Ownership, mentorship, continuing education	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 Beehives & Beekeeping Langstroth and His Hive Beekeeping Today	20 mins	Gary German
Two Jan 22, 2017	Bee Biology - The individual bee Biology/Life Cycle of Honey Bees Brood Developmental Cycle Adult Life Progression Anatomy Immune System Different Bees for Different Seasons Bee Biology - The colony Annual Cycle of the Colony – The Superorganism The Honorary Mammal Behavioral Plasticity Communication Let's Dance / The Three Dances Frequencies / Vibrations Pheromones	80 mins	Sarah McKinney (Wild Mountain Bees)
	The HCBA Support System Mentorship Requesting a mentor How many mentors is the correct number? Who do I ask? Mentor's responsibilities Communications Honesty and Ethics Mentee's responsibilities Having the 'right' info Documentation Respecting time and distance Code of Ethics Policies Continuing Education Self help - books, journals, involvement w/fellow beekeepers, etc Johnson Farm Beekeeper Workshops	20 mins	Antoine Ignizio Antoine Ignizio

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	 HCBA: Intermediate Beekeeper Education NCSBA: Master Beekeeper 		
Three Jan 29, 2016	Terminology and Parts of the Hive	50 mins	Patrice German
	Getting Started Packages and Nucs Where to obtain Cost Pros and Cons of each Hive Inspections Frequency Things beekeepers should be looking for Queen Issues Record keeping - set a recommended 'format' of data elements a new beekeeper should record for each hive. (ed note) Map to mentor session.	50 mins	Stuart Van Meter
Four Feb 5, 2018	Seasonal Management Spring (March-April-May) Inspections Confirm expanding brood & room for expansion Adequate stores Evaluate dead outs (Starvation, disease, etc.) Feeding options Sugar water, stored honey, dry sugar,pollen, etc Observing the entrance Foragers? Orientation flights? Guard bees? What's coming out of hive? *Recordkeeping *Swarm Control When? How? (Splits, nucs, etc.) *Supering (Tulip poplar flow)	40 min	Burton Beasley Master Beekeeper, NCSBA Area Representative
	Swarm Management Swarms Natural and induced swarms Recognizing and Preventing Swarms Spring Fall Managing Swarms Swarm Traps NCBA Update	40 Min 20 Min	Burton Beasley
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Five Feb 12, 2017	Summer (June-July-August) Inspections Laying queen? Eggs? Larva? Capped Brood? Hive beetles? Varroa? Adequate room for brood, honey, pollen Feeding if needed Supering (Sourwood flow) Honey Removing, replacing supers *Recordkeeping Fall (September-October-November) Robbing Feeding/Nutritional Issues Honey stores Moving Bees Adding and removing supers Mite control Recordkeeping Winter Stores Mite treatment Mouse guard	70	Scott Davis Pres. Buncombe County Bee Club
	Bear Fencing	30 mins	David Foti
Six Feb 19, 2017	Diseases and Parasites of the hive Invaders: Mites, SHB, Wax Months, etc Bacteria and Fungus: EFB, AFB, etc IPM Treatments: Treatment Free, Hard and Soft Chemicals DriftWatch and BeeCheck	100 mins	Lewis Cauble, Apiary Inspector at NC Dept of Agriculture and Consumer Services
Seven Feb 26, 2017	Most Frequent Problems for a New Beekeeper Review of some key points covered in class. Lessons from their beginner beekeeper experiences. Q&A	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
 - o Adding/Removing supers
 - Extracting
 - Storing equipment