

**THE JOHNSTON COUNTY BEEKEEPER'S ASSOCIATION BEE SCHOOL IS OPEN TO ALL.  
NO PRIOR EXPERIENCE WITH BEES OR BEEKEEPING IS REQUIRED**

We understand that you have many options for your training, and we appreciate that you are considering the Johnston County Beekeeper's Association as your training partner. We try to ensure that each student receives the instruction required to become an effective and competent beekeeper. This course will be your "hands on learner's permit" for beekeeping. There is no person, no class, no video, or no book that will give you all that you need to be a beekeeper. We can provide you with a firm basic level of instruction on which you can build with experience and additional training. We also offer an optional mentoring system for beekeepers.

Many of our students are new to beekeeping. Approximately 90% have never seen the inside of a live beehive before taking the practical test. We cater to beginning beekeepers, and we want you to be successful. All skill levels are welcome.

***The JCBA Beginning Beekeeper School***

Location	Number of Hrs	Cost	Added Materials
JOCO Agricultural Building, Hwy 210, Smithfield, NC	24 hours of classroom instruction  \$1.50 - \$3.00 per hour, plus practical field test.	\$125-175  Cost includes lunch for 3 days per person. Value: \$25  Plus \$150 per student Optional Mentor Program. Can sign up after testing if desired.	<b>Textbook:</b> Beekeeping for Dummies, 3 <sup>rd</sup> Ed. Value: \$15  <b>Workbook</b> contains Powerpoint Presentations and additional information. Value: \$25
<b>Course Syllabus Class 1: 8:00AM-5PM March 19</b>	<b>Class 1: Beekeeping History:</b> Trace the fascinating story of beekeeping, from prehistory to its introduction into the Americas. Learn how important bees are to agriculture, nutrition, medicine, and warfare. Learn the how and why "Africanized" bees were introduced into America. Explore the development and evolution of beekeeping equipment, tools and methods, and the major contributors to beekeeping.		
	<b>Class 1: BLUF (Bottom Line Up Front)</b> Discover what it takes, in equipment, finances, and time to become a hobbyist beekeeper. We present a realistic view of the costs of being a beekeeper.		
	<b>Class 1: Morning Q &amp; A Session:</b> A review of the morning class.		
	<b>Class 1: Bee Biology:</b> To know beekeeping, you must know the life cycles, behaviors, and physiology of the honeybee. From the intricate social structure of the hive to the complex and beautifully intricate structure of the comb within the hive, the honeybee offers a fascinating view into the world of a very small group of "domesticated" insects. A beekeeper must learn to understand and anticipate normal bee activity. To be an effective and successful beekeeper, you must learn to be an observer.		
	<b>Class 1: Equipment:</b> Learn about the many variations of tools, gadgets, and equipment used by beekeepers, with pros and cons presented for each item.		
	<b>Class 1: Bee Nutrition:</b> What do bees need to develop into a healthy field force? Get to know the essential components of nutrition for bees to maximize hive production.		
	<b>Class 1: Q &amp; A Session:</b> A review of the day's class.		

<p><b>Class 2: 8:00AM-5PM March 26</b></p>	<p><b>Class 2: Insect Pests/Disease:</b> Several pests are important to the beekeeping industry. Learn how to identify, control, and eliminate these pests. Learn techniques using industry standard controls as well as organic and passive methods for control of many of the pests.</p>
	<p><b>Class 2: Nicotine Bees:</b> A video about a possible explanation for CCD.</p>
	<p><b>Class 2 Morning Q &amp; A Session:</b> A review of the morning class.</p>
	<p><b>Class 2: Fall / Winter Management:</b> All beekeeping begins in the Fall. Proper management in Fall and Winter is essential to good production in the Spring. Learn how to evaluate the condition of your hives to ensure that they are properly prepared for Winter and how to remedy any shortfalls or deficiencies.</p>
	<p><b>Class 2: Spring / Summer Management:</b> Spring is the time that brings joy to bees as well as beekeepers. Early nectar and pollen sources are discussed and preparations are made to ensure that the hive is strong and healthy. Swarm prevention, control, and capture, plus splits, combines, nucs, package bees, and other basic techniques are covered.</p>
	<p><b>Class 2: Q &amp; A Session:</b> A review of the day's class.</p>
<p><b>Class 3: 8:00AM-5PM April 2</b></p>	<p><b>Class 3: Organic Beekeeping:</b> A short video about organic beekeeping practices and some variations on beekeeping practices.</p>
	<p><b>Class 3: Equipment Construction, Maintenance, Assembly:</b> This class is a demonstration of the assembly of frames, installation of foundation in beeswax and plastic, hive bodies, use of the frame jig, frame board, various foundation installation techniques, and proper techniques of equipment maintenance and repair.</p>
	<p><b>Class 3: Q &amp; A Session:</b> A review of the morning class.</p>
	<p><b>Class 3: Harvesting Products of the Hive:</b> Honey may be the only product of the hive of which most non beekeepers are aware, but in this class, we discuss the other potential products and the techniques, methods, and equipment to collect and process the products of the hive. There are discussions of the many forms of honey, as well as techniques to collect and store the honey, ranging from simple techniques of small beekeepers, to more elaborate systems if you have several hives.</p>
	<p><b>Class 3: Video.</b></p>
	<p><b>Class 3: Review for Written / Practical Test:</b> This session is reserved to prepare for the written and practical test and to answer any additional questions that may be of concern to the students. Demonstrations of the smoker, hive tool, and hive structures are presented.</p>
	<p><b>Class 3: Written Test:</b> In this session, we will administer the written test to all those that wish to pursue the Certified Beekeeper Level. Students must pass the Written Test to be eligible for the Practical Test.</p>

<p><b>Practical Test</b></p>	<p>Our practical tests are NOT just a show and tell. We specialize in the personal approach to beekeeping. We work in groups of 3-5 beekeepers, with one or more instructors working with the team to ensure that each beekeeper has “hands on”, in-the-hive experience, working with each one individually to ensure that the beekeeper is knowledgeable about all the structures, components, tools and any other things that a beekeeper will see inside an active hive.</p> <p>Each student will actively manipulate frames inside the hive, assess the condition and strength of the hive, and describe in detail everything that they see and observe inside the hive. Completion of this test will provide the new beekeeper with the basic skills to manipulate a hive and operate their own small apiary.</p> <p>Practical Tests are given as soon as possible after the Written Test.</p>
<p><b>Membership</b></p>	<p>One year membership in the JCBA and NCSBA. Value: \$25</p>
<p><b>Instructors</b></p>	<p>Class taught by Ray Hunt, Clayton, NC, with 30 years of experience in beekeeping, and more than 20 years of instructional design, technical presentation, and adult education training in IT and computer-based learning systems. We have a single instructor to ensure that all materials are covered in a consistent and interconnected format.</p>
<p><b>Optional 3636 Mentor Program</b></p>	<p>An important part of learning to be a beekeeper is having someone you can call on when you have questions or concerns. At JCBA Bee School, we have an optional two-tier mentorship program to help students through that first critical year of beekeeping. If you choose to participate in this mentorship program, you will be assigned to a team of mentors that will assist you during your first year, to assist if you run into a problem that you cannot correct or do not recognize, or to assist if you are having difficulties understanding or performing standard inspections. You can sign up for this program after testing if desired. Send an email to <a href="mailto:jocobee@earthlink.net">jocobee@earthlink.net</a> if you have any questions about his optional program.</p>
<p><b>Additional Value</b></p>	<p>Upon completion of the classroom work, you will receive a discount certificate for 10% off your first purchase at Bailey Bee Supply. Some limitations apply.</p>
<p><b>Conclusion</b></p>	<p>We use a personalized and individual approach in our training program to train and teach you to be a competent and effective beekeeper, and if you are already a beekeeper to help you become a better beekeeper. You are never just a number at JCBA Bee School. At JCBA, we don't just create a large number of beekeepers. Our goal is to train and equip beginning beekeepers with the skills, training, and in-hive experience to effectively maintain their hives.</p> <p><b><i>Experience Can be an Expensive Teacher. Don't Trust Your Future in Beekeeping to what you learn “on the fly”.</i></b></p>

There are several beekeeping courses listed on the NCSBA website. Prices range from Free to more than \$400. Number of hours of class work range from 4 hours to 24 hours. To receive a listing of the schools currently listed in NC, showing prices, price per hour, location, additional materials supplied, etc. please send an email to [jocobee@earthlink.net](mailto:jocobee@earthlink.net) with the heading NC Schools Some of these schools may have already been completed.



**Registration Form**  
**JCBA Beginning Beekeeping Course**  
**Johnston County Agricultural Center – 2736 NC Hwy 210, Smithfield, NC**  
**Saturday 8:00 AM - 5PM, March 19, March 26, April 2, 2016**

Today's Date \_\_\_\_\_

**Please PRINT all information. All fields are required.**

**Name** \_\_\_\_\_

**Address** \_\_\_\_\_

**Phone No.** \_\_\_\_\_

**Email** \_\_\_\_\_

If registering for more than one student/spouse/partner/or former student, enter any additional names on the back of this form with required information on each student. Enclose the amount to cover all students registered.

Full Course - \$175 24 hr course, Written / Practical Test Includes textbook, workbook, JCBA/NCSBA memberships, refreshments, and lunch for three days.	Spouse / Partner, Former JCBA Bee School students, Age 10 -15 without paying adult. \$125 Age 10 - 15 Free with paying Adult. One per Adult One set of class materials per couple. Additional set: \$40.
<b>Optional one year mentorship program. \$150 per student. Limited availability. You can sign up for this after testing if desired. Send email (<a href="mailto:jacobee@earthlink.net">jacobee@earthlink.net</a>) to request additional information about this optional mentor program.</b>	

**Payment and registration must be received no later than March 4<sup>th</sup> to  
ensure a space in the class.**

Registrations received after class capacity will be returned.  
Register early to avoid disappointment.

Total Enclosed \$ \_\_\_\_\_

Check or U.S. Postal Money Order # \_\_\_\_\_

**Make check/money order payable to: Johnston County Extension Service.**

**Mail or deliver payment and this one page registration form to:  
Johnston County Agricultural Center, 2736 NC Hwy 210, Smithfield, NC 27577-9556  
Attn: Brandon Parker 919 989 5380**

How did you hear about our class? \_\_\_\_\_