



Washington Master Beekeepers

Apprentice, Journeyman & Master Beekeeper Certification Program

Master Beekeeper Guide

Statement:

A Master Beekeeper has mastered the trade of beekeeping, is a competent beekeeper, teacher, presenter, organizer, leader, and innovator.

This Master Beekeeper Guide is meant to assist beekeepers attaining the Master's level. At this level the beekeeper is expected to maintain a high standard of expertise, knowledge, and service to the Beekeeping industry. The guide is meant to help the applicant put together a portfolio to present to Washington Master Beekeepers.

MASTER LEVEL

Certification Goals:

- Have a deep knowledge of bees and beekeeping, with areas of specialty.
- Demonstrate ability to present and teach groups of experienced beekeepers.
- Demonstrate commitment of service to beekeeping community.
- Demonstrate ability to speak to the public at large about topics specific to the industry.

Specific Objectives:

- Develop materials and teach new and/or experienced beekeepers.
- Develop and give presentations to a variety of groups.
- Serve the beekeeping community through leadership.
- Write and publish articles, books or other materials.
- Research or develop information connected to bees or beekeeping.

Prerequisites:

- Must be a certified Journeyman Beekeeper from an approved program.
- Must have 6 full years of experience as a Beekeeper.
- Must be an active member of a local beekeeping association and Washington Master Beekeepers.

Required forms and fees:

- Master Application and Progress Form
- One-time, All-Level Fee (\$10) - (often paid with Apprentice Form).

Washington Master Beekeepers

**APPRENTICESHIP, JOURNEYMAN
& MASTER BEEKEEPING
CERTIFICATION PROGRAM**

REGISTRATION DATE; _____
APPRENTICE CERTIFICATION: _____
JOURNEYMAN CERTIFICATION: _____
ONE-TIME, ALL LEVEL FEE (\$10) _____

Master Beekeeper Application and Progress Status Form

Name: _____ <div style="display: flex; justify-content: space-around; margin-left: 40px;"> (Last) (First) </div> Address: _____ City: _____ State: _____ Zip: _____ Email: _____ Phone: () _____ Beekeeping Association/Affiliation: _____ Required	Please PRINT Clearly.
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<h1 style="margin: 0;">REQUIRED</h1>		
Requirement / Activity	MB Initials	Date
Complete Certified Journeymen Beekeeper from an approved program. Certification # _____ Date completed _____		
Six full years' experience as a Beekeeper. List years: _____		
Active member of a local beekeeping Association and Washington Master Beekeepers.		
150 points divided among five areas listed below.		
Statement as to why you are ready for a Master's certification.		

Applicant will present to WMB their activities and materials to receive points. Finally, the applicant will make a general statement about what they have done and their future activities. This can be done in person, in writing or in other media.

CERTIFICATION: ISSUED BY _____ **DATE** _____

List Master Beekeepers who are initialing your form.

10 points per activity. Points may only be attained once per activity type, no repeats, the goal is variety in your activities. Example: the first time you give a particular speech it can count, the second time it does not.

Minimum points and maximum points are noted in each section.

List what you have done to earn points for this activity, initials of Master Beekeeper and date done. Any item needing proof should be presented to the Master Beekeeper assisting you.

Education			
Teach & Present Beekeeping Topics			
<p>Expectations: Creation of materials used. Classes may be hands on or classroom. Present to groups of 20 or more. Use a variety of equipment (power point, handouts, display, equipment, etc.).</p> <p>Minimum points 40 (2 teaching & 2 presenting) - Maximum points 50 (5 times)</p>			
Points	Activity	MB Initials	Date

Service & Leadership

Serve as an Association. officer, plan, or participate in beekeeping events (fair or community), judge beehive products, lobby-political actions affecting beekeeping, and mentor beekeepers at all levels.

Expectations: Organizing and running activities.

Minimum points 30 (3 activities) - Maximum points 50 (5 activities)

		MB Initials	Date

Publications

Publish articles, papers, books, and/or educational materials used and seen by other beekeepers or the public.

Expectations: Creation of materials.

Minimum points 10 (1 publication) - Maximum points 30 (3 publications)

		MB Initials	Date

Development / Research

Research beekeeping topics. Invent beekeeping equipment. Identify or modify general use items for beekeeper use. Develop beekeeping programs for use by beekeeping associations.

Expectations: Creation of materials. University level of information.

Minimum points 10 (1 activities) - Maximum points 30 (3 activities)

		MB Initials	Date

Specialty / Other

Your Specialty. Commercial, sideline, or hobby beekeeping.

Expectations: Creation of materials. Present to others.

Minimum points 10 (1 activity) - Maximum points 20 (2 activities)

		MB Initials	Date

Examples of topic idea areas for activities and potential guidance information.

For other ideas, check the Journeyman Guide.

1. Bee Biology: Races, genetics, anatomy, pheromones, queen rearing, drones and genetic selection.
2. Bee Behavior: Swarming, pheromones, navigation, honey and pollen collection.
3. Pests and Diseases: Diseases, parasites, pests, pesticides, and enemies.
4. Apiary Management: Splits, combines, best-practices, pest barriers, queen rearing, and apiary management plans.
5. Pollination and other commercial services
6. Honey, Pollen, and Propolis: Composition, sources, traits, and marketable forms
7. Products of the hive: Includes selection of source material, preparation, and scoring of honey, wax, mead, and products cooked using honey.
8. Pollinators, Native bees and Wasps
9. Plants
10. Any other subjects of interest pertaining to beekeeping. The subject must be approved by a WMB.

Paper Guidelines:

- All paper submissions require approval by a WMB.
- Proposal should contain a preliminary list of sources to be cited in the paper.
- Paper should be at least 1,000 words (or an appropriate combination of words and detailed illustrations/diagrams where applicable by topic).
- Papers should be formatted for standard 8.5 x 11-inch paper.
- Papers should be double spaced and use a legible font (e.g. Times New Roman). Whatever font you choose, the Committee recommends that the regular and italics type styles contrast enough that they are recognizable one from another. The font size should be 12 pt. Pages should be numbered.
- Papers should include a bibliography.
- If you have any endnotes, include them on a separate page before your Bibliography page. Entitle the section Notes.
- If paper is to be submitted to a journal, the journal's guidelines for submissions will supersede these Presentation Guidelines.

Presentation Guidelines:

- All presentation submissions require approval by WMB. The proposal should contain a preliminary list of sources to be cited in the presentation, as well as the group the presentation is intended for.
- Presentation should be targeted for 1 hour to a community group or beekeepers including intermediate levels of experience.
- Presentations should be interactive and provide enough time for Q&A.
- Presentations should be accompanied by a handout or outline for audience members complete with a list of cited works as needed.

Suggestions for Point Areas

Education

- Teach and/or coordinate the entire course of the Apprentice Beekeeper Program to beginning beekeepers.
- Give or teach a WMB or local association seminar or workshop on queen rearing, migratory beekeeping, or artificial insemination.
- Put on a workshop or laboratory demonstration for any beekeeping association in the US about a particular beekeeping subject.
- Teach an extracting honey class for beekeepers.
- Present to the public or beekeepers information on other pollinators or plants.

Service & Leadership

- Hold an office in a local association for one year.
- Chairing committee or major function such as running the fair booth.
- Judge a beekeeping product or display in a county or state fair.
- Lobby at the city or county level for or against ordinances that affect the beekeeping community.
- Lobby at the state capitol or present to the representatives in Olympia your concerns for the beekeeping industry in our state.

Publications

- Write a book on beekeeping.
- Develop and print materials for mentors and mentees.
- Develop materials about plants and bees for beekeepers and public.
- Develop materials or handouts for public use such as a fair booklet or display.
- Publish an article in National beekeeping magazine.
- Write or update materials used to teach beekeepers.
- Write or update WMB program materials such as the 'bee book', tests, etc.

Development / Research

- Attend an approved university course with certificate of achievement, a report card with a passing grade, or other evidence of learning.
- Attend a WMB approved seminar or workshop on a particular subject in beekeeping.
- Take an approved class on artificial insemination taught by a person who is experienced and approved by the WMB.
- Take a WMB approved class or work at least 1 year with an approved experienced beekeeper who does queen rearing, package bee production, or pollen production.
- Drone research of any type.
- Build a tool or device that benefits the beekeeping industry. This tool or device must not be something available from a beekeeping supplier. It must be unique and should be useful to commercial and/or non-commercial beekeepers.
- Show or demonstrate a proficiency in diagnosis of Honeybee Diseases. This can be done by giving a lab or demonstration at a local bee association meeting or workshop. The use of a microscope is suggested.
- Show proficiency and demonstrate dissecting a bee and identifying the presence of Tracheal mites.
- Demonstrate your ability to determine Varroa mite infestation by alcohol wash or other means.
- Read and be able to demonstrate knowledge included in the Handbook by the US Department of Agriculture "Diagnosis of Honeybee Diseases" which can be obtained at the following website:

<http://www.ars.usda.gov/is/np/honeybeediseases/honeybeediseases.pdf>

Specialty / Other

- Work at least 1 calendar year with a WMB approved experienced beekeeper in migratory beekeeping.
- Operate as a migratory beekeeper for at least one year.
- Operate as a commercial queen producer. Graft, mate and sell at least 100 queens.
- Maintains 100 hives or more for an entire year.
- Research plants, trees and bushes benefiting bees and other pollinators.
- Research other pollinators or native bees (compatibility).