

## Department:

Agriculture

## Course Description:

This course is designed to provide an introduction to the basics of spring apiary management. The course will cover preparing colonies for spring honey production, promoting colony health, and increasing the number of colonies.

## Course Competencies:

Upon completion of the course, the student should be able to:

1. Prepare and maintain the hive in suitable condition
2. Demonstrate the methods used to prevent robber bees
3. Verify a laying queen by identifying the various stages of brood production
4. Explain the use of the queen marking system
5. Explain the reasons for and method of re-queening a colony
6. Demonstrate the methods of feeding and medicating a colony
7. Explain the reasons for switching, splitting, and repositioning colonies
8. Demonstrate the placement of equipment for different types of honey products
9. Explain reasons for swarming and the methods of swarm prevention

## Course Content:

- A. Early spring management
  1. Clean the bottom board
  2. Repair any deficient equipment
  3. Prevent robbing
  4. Check for laying queen
  5. Marking queens
  6. Re-queening and queen rearing
  7. Feeding
  8. Medicating the colony
- B. Mid-spring management
  1. Remove entrance reducers
  2. Examine brood
  3. Exchanging brood
  4. Switching colonies
  5. Splitting colonies
  6. Reversing brood chamber
- C. Late spring management
  1. Producing extracted honey

2. Producing comb honey
  3. Producing pollen
- D. Swarm prevention

### Learning Assessments:

Course competencies will be assessed by the use of live demonstrations and written, visual, or oral presentations.

### Instructional Materials:

Honey Bee Biology and Beekeeping, Caron, Wicwas Press, 2000.  
ISBN-13: 978-1878075093  
Various audio-visual materials and handouts.

#### **Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition**

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

On-Campus Students: At enrollment, any on campus student may complete a form that will allow them to self-identify any disability.

Off-Campus Regional Students: Self-identify your disability and accommodation needs with the Regional Coordinator and/or instructor, preferably prior to the first class meeting.

Online Students: Self-identify your disability and accommodation needs by contacting the Disabilities Coordinator. Students must provide their own programs to allow accessibility on their home computer.

Any student may also identify their disability by completing an online form located on the HCC homepage under Students Services/Resources/Disabilities. Questions should be directed to the Disabilities Coordinator.