

Department:

Agriculture

Course Description:

This course will provide a hands-on learning experience in making a complete beehive from wood. The course will also cover assembling pre-made beehive components.

Course Competencies:

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

1. Demonstrate proper and safe use of power equipment used in making beehives.
2. Assemble a complete beehive from pre-made components.
3. Correctly measure, cut, and assemble hive parts made from dimension lumber.
4. Properly prime and paint beehive components.

Course Content:

- A. Power equipment and shop safety
 1. Safe area
 2. Eye and ear protection
 3. Safety guards
 4. Electrical hazards
 5. Proper clothing
 6. Footing and balance
 7. Flammable materials
 8. Changing blades and bits
 9. Power tool maintenance
- B. Assembling pre-made hive components
 1. Hive stand
 2. Baseboard
 3. Hive body
 4. Inner cover
 5. Top
 6. Supers
- C. Cutting and assembling hive components from dimension lumber
 1. Hive stand
 2. Baseboard
 3. Hive body
 4. Inner cover
 5. Top
 6. Supers

7. Entrance Reducer
 8. Pollen trap
 9. Solar wax melter
 10. Frame jig
- D. Priming and painting hive components

Learning Assessments:

Course competencies will be assessed by observation of the student's construction process and progress in class. In addition, a completed beehive will be graded using a rubric that includes each of the course competencies.

Instructional Materials:

Bee Hive Construction: A Step-by-Step Guide, Sieling, Garreson Publishing, 1999.
ISBN- 978-1-61061-878-6

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.