

**Northwest Arkansas Community College**  
(Science and Mathematics Division)

**Discipline Code**

HORT

**Course Number**

1103

**Course Title**

Plants in the Home Environment

**Catalog Description**

A techniques course covering basic home fruit and vegetable production, including organic and sustainable methods, and the use and care of ornamental plants. This is a hands-on course utilizing Master Gardener instructional materials.

**Prerequisites**

None

**Credit Hours**

3 credit hours

**Contact hours**

30 lecture contact hours; 30 lab contact hours

**Load hours**

3.3 load hours

**Semesters Offered**

Spring

**ACTS Equivalent**

None

**Grade Mode**

A-F

**Learning Outcomes**

Students completing this course will:

- Choose or modify application of horticultural concepts to achieve desired results from the plants inside and outside the home.
- Provide sound rationale for selecting effective, safe, fertilizers, and pesticides for use in the home environment.
- Contrast organic and sustainable methods with conventional methods

## **General Education Outcomes Supported**

None

## **Standard Practices**

### **Topics list**

- Introduction to Horticulture
- Principles of Botany
- Plant Propagation
- Considerations for Plant Growth
- Plant Care
- Landscaping
- Vegetable Gardens
- Fruit Production
- Interiorscaping
- Greenhouse Gardening
- Special topics

### **Learning activities**

- Courses must, at a minimum, cover the core learning outcomes for each topic.
- Laboratory exercises include drip irrigation installation, growth and propagation of plants including hardwood and herbaceous grafting.

### **Assessments**

- Required forms of assessment include written examinations, formal laboratory journal, and demonstration of understanding of the principles presented in lecture. Also, students will be required to demonstrate proficiency in applying core laboratory skills and practices used in the study of horticulture.

### **Grading guidelines**

- A minimum of 70% of the grade must be proctored, supervised, or otherwise verified.
- Approximately 25% of the grade must come from lab work since the lab and lecture credits for this course are combined.

## **Revision Date**

April 8, 2021