

**NorthWest Arkansas Community College**  
**Division of Science & Mathematics**

**HORT 2004 Principles of Horticulture**

**Catalog Description:** An introductory course including study of basic biological processes and technologies of propagation, production, use of native and introduced horticulture crops, landscape and turf plants. Students will be introduced to various disciplines and business related aspects of horticulture. The aesthetic and nutritional uses of plants will be explored. Previous instruction in Plant Biology or General Botany is strongly recommended. 3 hours lecture and 3 hours laboratory weekly.

**Prerequisite:** BOTY 1614 recommended

**Credit hours/ Contact hours/Load hours:** 4/6/5

**Target Audience/Transferability:**

Students intending to major in horticulture in another institution and anyone interested in biological and technological principles underlying the propagation, production, use of native and introduced horticulture crops, landscape and turf plants. This course transfers to the University of Arkansas and would likely transfer to other institutions with horticulture programs. Always check with the receiving institution to confirm transferability.

**Student Learning Outcomes:** Students completing this course will

- Describe basic biological processes underlying horticulture
- Discuss the significance of various aspects of horticulture
- Demonstrate different techniques in plant propagation.
- Identify multiple practices that protect plants from disease
- Contrast basic methods and considerations in growing plants indoors versus outdoors

**Topics:**

- The science underlying horticulture
- Protecting plants from pests and disease
- Plant propagation
- Growing plants indoors
- Growing plants outdoors: ornamentals
- Growing plants outdoors: vegetables, fruits and nuts

**Forms of Assessment:** none