

Las Positas College  
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**Course Outline for NHRT 201**  
**FUNDAMENTALS OF HORTICULTURE**  
**Effective: Fall 2019**

**I. CATALOG DESCRIPTION:**  
NHRT 201 — Noncredit

This is an eight week short-term vocational horticulture course with lessons and lab activities are designed for students that have difficulty in a traditional classroom setting. Students will learn basic horticultural skills used in landscape, nursery, organic garden, and greenhouse settings. Safety training will be incorporated throughout the course.

**Grading Methods:**

Pass/No Pass

**Discipline:**

- Vocational (short-term): Noncredit

**Noncredit Category**

J - Workforce Preparation

	<b>MIN</b>
<b>Total Noncredit Hours:</b>	32.00

**II. PREREQUISITE AND/OR ADVISORY SKILLS:**

**III. MEASURABLE OBJECTIVES:**

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

- A. Identify eight common plants and describe how they are used.
- B. Propagate plants by using seeding and cuttings.
- C. Distinguish tools and material used in greenhouse sanitation, and demonstrate the ability to use those tools and materials.
- D. Describe the typical requirements of four (4) common indoor plants.

**IV. CONTENT:**

- A. Plant identification and care.
- B. Plant disorders, diagnosis, and treatment.
- C. Vegetative and sexual plant propagation.
- D. Greenhouse operation and maintenance.
- E. Interior plantscape.

**V. METHODS OF INSTRUCTION:**

- A. The class will begin with teacher-centered instruction in an appropriate format to demonstrate the steps to perform the skills to be mastered. Then students will participate in hands-on skill building activities, practicing the skills presented. The instructor will monitor and guide the students performing these skills. After these skill building activities, the students will gather again for a final teacher centered group activity, during which they will review the skills learned.

**VI. TYPICAL ASSIGNMENTS:**

- A. Plant Identification: Walking Tour of Campus Grounds.
- B. Organic Treatment of Plant Disorders: What's Wrong With This Plant?
- C. Plant Propagation Project
- D. Greenhouse Production and Maintenance.
- E. Adopt a House Plant.

**VII. EVALUATION:**

**Methods/Frequency**

- A. Group Projects  
one
- B. Class Participation  
daily
- C. Class Work  
daily
- D. Class Performance  
final exam

**VIII. TYPICAL TEXTS:**

- 1. The teacher will provide appropriate training materials, during each class. These may take the form of handouts, or visual

presentations.

2. The New Western Garden Book: The Ultimate Gardening Guide (Paper) 9th Edition  
by Editors of Sunset Magazine (Author)  
ISBN-13: 978-0376039200  
ISBN-10: 0376039205

**IX. OTHER MATERIALS REQUIRED OF STUDENTS:**

- A. Students will be expected to wear appropriate clothing, shoes, or other personal protective equipment, in order to participate in lab activities.