

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

COURSE NUMBER: SPEC 125

COURSE TITLE: TOPICS IN PERSONAL ENRICHMENT
ORGANIC GARDENING PRINCIPLES

SEMESTER CREDIT HOURS: .5 - 5

DEPARTMENT: Special Interest

DIVISION: Workforce Education/Community Services

PREREQUISITE: None

COURSE DESCRIPTION:

The study of horticulture practices emphasizing organic gardening methods, soil and compost, annual, perennial and woody plants. Also includes a variety of pest control methods and when to use them; garden site preparation, fertilizer, weed control, disease and insect identification and control, and proper care of plants. Includes alternative and naturalistic landscape ideas and their effects on the environment.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will:

1. Learn gardening essentials and organic practices

- Define the meaning of organic gardening
- Understand relation between plants and environment
- Name 3-5 common items derived from plants
- Know the importance of soil, compost, and amendments

2. Be familiar with introductory plant anatomy

- Draw and identify 3-5 flower and leaf parts
- Identify the 5 basic layers of a woody plant
- Know where photosynthesis starts in a plant
- Understand how pollination occurs and who are the primary pollinators

3. Learn the effects of chemicals in the environment

- Know the difference between organic and synthetic pesticides
- Understand residual effects of pesticides in the environment
- Decide when, how, or if to use pesticides
- Be aware of the label requirements on pesticides
- Recognize signs of chemical damage on plants

4. Learn examples of Integrated Pest Management

- Know 3 ways to control common garden insects
- Be aware of beneficial insects and destructive insects
- Explain 2 ways to control weeds
- Recognize sign of various pests and diseases
- Differentiate between organic and inorganic methods of handling disease and fungal problems

5. Learn alternative ideas for the home landscape

- Explain reasons and ways to reduce mowing
- Identify 3 plants used in a natural landscape
- Understand pros and cons of a natural landscape
- Know current trends in using native flowers in the landscape