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 108
COURSE TITLE: HOME HORTICULTURE
SEMESTER CREDIT HOURS: 3
DEPARTMENT: Special Interest
DIVISION: Workforce Education/Community Services
PREREQUISITE: None

COURSE DESCRIPTION:
Study of gardens, lawns, and ornamental plants includes garden site preparation, selection of vegetables, fertilizer, weed control. Disease, insect control, harvest and storage.

COURSE OUTCOMES AND COMPETENCIES:
Students who successfully complete this course will be able to:

1. Learn the value of gardening
   • Explain hardiness and heat zones
   • Understand relation between plants and environment
   • Name 3 common items derived from plants
   • Differentiate between sun and shade requirements
   • Describe 5 examples of safety precautions in gardening
   • Demonstrate 3 stretches or warm ups to prevent gardening injury

2. Be able to grow a vegetable and annual flower or herb
   • Conduct a soil test for pH and explain the result
   • Know how to compost; why to compost; show compost example to class
   • Name 3 vegetables and 3 annuals and their sun/shade requirement
   • Start plants from seed and chart their progress
   • Explain the difference between annual and perennial plants
   • Describe proper planting methods
3. Be familiar with introductory plant anatomy
   • Draw and identify flower parts
   • Identify and name parts of a stem and leaf; explain basic functions
   • Draw the 5 basic layers of a woody plant; explain basic functions

4. Learn about common pests and pesticides
   • Recognize signs of pest problems
   • Know where to find resources to determine the problem
   • Identify parts of an insect
   • Distinguish between common insect damage and disease damage
   • Decide whether to use organic or inorganic control methods
   • Explain the difference between a weed and a wildflower

5. Learn proper care for their plants
   • Demonstrate correct pruning techniques for woody plants
   • Explain various weed control methods
   • Explain ongoing care of an annual and perennial
   • Explain how to harvest a vegetable