HORT 15A&B BASIC HORTICULTURE
SPRING 2008 (JAN 14-MAY 28) Tuesdays 9 AM-12 Noon
Text: SUNSET WESTERN GARDEN BOOK, latest ed.
Grade determined by attendance, projects, and quizzes 25%, Mid-term exam 25%, Lab 25%, Final exam 25%. This course is offered for a letter grade or credit/no credit. If you wish to receive credit/no credit, you must file with the admissions office by February 21. Dress code: No loose, dangling clothing, jewelry, etc. or open toe shoes when participating in lab projects. Safety gear must be worn when operating power equipment. Cell/pager policy. Turn cells and pager off. Refer to page 144 through 147 of Schedule of Classes for Policies & Procedures.
SUPPLIES: Student must have hand pruner’s and a fine point black SHARPIE.

Instructor: Dave Frattalone - Office MM103 (562) 938-3092, FAX: (562)938-3973, e-mail: dfrattalone@lbcc.edu
Office hours: Mon-Wed 1-2:30Pm and by appointment.
Projects: Leaf collection and identification of structures, Insect collection and ID, one magazine article synopsis and one internet article. Due dates in syllabus.

WEEK 1 JAN 15 Registration, orientation, review syllabus, Industry and Careers
Lab: Tour of facilities, Propagation – seeds.
BRING YOUR OWN SEEDS NEXT MEETING

WEEK 2 JAN 22 Climate zones, Plant morphology and physiology, monocots, Dicots, reading: How Plants Grow.
Lab: Soil recipes and sowing seeds.

WEEK 3 JAN 29 Soils and soil amendments, pH, reading: chapter on Soils.
Lab: Soil sample testing

WEEK 4 FEB 5 Fertilizers – Organic & Inorganic.
Reading: Chapter on Fertilizers
Lab: Prepare raised beds for organic gardens, direct seeding.

WEEK 5 FEB 21 Propagation – Sexual (seeds), Planting techniques:
Read section on Planting Schedule for Cool-season and Warm-season vegetables.
Magazine article synopsis due (typed), list source.

WEEK 6 FEB 19 Transplanting: Materials and Methods – meet in Lab.

WEEK 7 FEB 26 Propagation – Asexual: cuttings, division, layering, grafting.
Lab: How to take various types of cuttings,
Reading: chapter on Planting Techniques

WEEK 8 MAR 4 Plant pests and pest controls. Read: Pests and Plant diseases.
Lab: Collection and Identification of plant pests, diseases and weeds.
Demonstration on preserving collections and discussion on controls and/or eradication methods.

WEEK 9 MAR 11 MID-TERM EXAM - LAB – Color Bowls
WEEK 10 MAR 18  Lab: Plant Sale set up

WEEK 11 MAR 25  Spring Break – No class.

WEEK 12 APR 1  Organic gardening.
Lab: Planting the organic garden. Demonstration on companion planting, inter-planting, square foot gardening.

WEEK 13 APR 8  FLEX DAY – NO CLASS

WEEK 14 APR 15  Compost systems: read section on composting systems.

WEEK 15 APR 22  Pruning: When, How, Materials and Methods.

WEEK 16 APR 29  Field Trip – to be announced.

WEEK 17 MAY 6  Drip irrigation: Materials and Methods. Read Section on Drip Irrigation Components.

WEEK 18 MAY 13  REVIEW – LEAF AND INSECT COLLECTIONS DUE.

WEEK 19 MAY 20  FINAL EXAM

IMPORTANT DATES:
JAN 21 – Holiday
FEB 6 – Flex day – no instruction
FEB 15 & 18 Holidays
FEB 22– CREDIT/NO CREDIT DEADLINE
FEB 27-28 CLCA convention – LA Convention Center - all weekday classes transferred
FEB 28 – DEADLINE TO APPLY FOR SPRING GRADUATION
MAR 18 - VIP night 4PM-7PM– OPEN HOUSE AND PLANT SALE
MAR 19-22 OPEN HOUSE AND PLANT SALE to public
MAR 23-30 – SPRING RECESS
APR 8 – Flex day – no instruction
APR 25 – LAST DAY TO DROP WITH A ‘W’
MAY 3 – MAJOR HORTICULTURE FIELD TRIP to be announced
MAY 19-28 – FINALS
MAY 26- GRADUATION

CLUB MEETING DATES  Horticulture club will meet at 5PM on the following dates. Other club meetings may be called by the club president or board.
JAN 14  Board meetings:
JAN 23 – Elections  JAN 30
FEB 4  FEB 13
FEB 20  FEB 25
MAR 3  MAR 12
MAR 17  APR 2
APR 7  APR 16
APR 21  MAY 7
MAY 12
Club board members will meet at 7:30 PM on the Monday or Wednesday before a club meeting to set the agenda.

This schedule is subject to change by the instructor