ORNAMENTAL HORTICULTURE DEPARTMENT
COURSE SYLLABUS
GREENHOUSE OPERATION/MGMT HORT 10A-B Spring 2008 (Jan14-May 28)
MONDAY/WEDNESDAY 8A.M. - 12 Noon

Grade determined by attendance and quizzes 25%, Midterm exam 20%, Lab attendance and performance 30% 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 Feb 22. 

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 cell or pager off. Refer to page 144 through 147 of Schedule of Classes for Policies & Procedures

Instructor: Dave Frattalone - Office MM103 (562) 938-3092 e-mail: dfrattalone@lbcc.edu

Office hours: M-W 1-2:30PM, T 12-1 and by appointment.


ALL STUDENTS MUST HAVE THEIR OWN BLACK SHARPIE FINE POINT PEN AND PRUNING SHEARS.

WEEK 1 JAN 14-16 Registration, orientation & tour of facilities, Chapters 1,2, 3
Geographical location, Foreign Competition, and Opportunities and Occupations.
LAB: Seeding summer crops, identifying crops

WEEK 2 JAN 21 - HOLIDAY
JAN 23 Chapter 4 - Greenhouse/Shadehouse structure types and materials.
LAB: Seeding summer crops, identifying crops

WEEK 3 JAN 28, JAN 30 Chapter 5 - Financing, Locating, and Sizing a Greenhouse Facility. QUIZ
LAB: Facility analyzes. Call for bids.

WEEK 4 FEB 4 Chapter 6 - Control of the Greenhouse Environment. Heating/cooling systems
LAB: Seeding summer crops, transplanting.
FEB 6 – Flex day – no instruction

WEEK 5 FEB 11, 13 Chapter 6 - Ventilation
LAB: Propagation house set-up

WEEK 6 FEB 18 HOLIDAY

WEEK 7 FEB 25 Chapter 7, 8, 9, & 10. The Plant, Light, Temperature, Gases. QUIZ
LAB: Transplanting
FEB 27 - CLCA Trade Show – Class transferred to LA Convention Center

WEEK 8 MAR 4, 6 Chapter 11, 12, Soils: Properties and Makeup, Artificial Soils.
LAB: Transplanting, labeling, pricing

WEEK 9 MAR 11-13 Review and Chapter 13 - Sterilization (Pasteurization) of Growing Media.
LAB: Transplanting, labeling, pricing

WEEK 10 MAR 17 MID-TERM EXAM
MAR 20 - PLANT SALE

WEEK 11 MAR 23-30 SPRING RECESS
WEEK 12  MAR 31-APR 2  – Chapter 14 - Essential Elements for Plant Growth
LAB:  Crop rotations

WEEK 13  APR 7-9  Chapter 15 - Fertilizers and Methods of Application.
LAB:  Analyze fertilizer needs of crops

WEEK 14  APR 14-16  Chapter 16 - Water:  Plant Requirements and Methods of Application.  LAB:  Restock, inventory

WEEK 15  APR 21, 23  Chapter 17 & 18 Sexual (Seed), Asexual (Vegetative) Propagation
LAB:  Asexual propagation

WEEK 16  APR 28, 30  Chapter 19 - Containers and Handling of Container Crops.
LAB:  Sanitation

WEEK 17  MAY 5-7  Chapter 24 - Tropical Foliage Plants.
LAB:  Review plant identification

WEEK 18  MAY 12-14  Chapter 25 - Bedding Plants. QUIZ
LAB:  Review for final

WEEK 19  MAY 19  FINAL

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 DROU 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

FIELD TRIPS WILL BE ANNOUNCED AS THEY ARE ARRANGED