



# Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

<b>Term Effective:</b>	Fall	2008
	Semester	Year

Title:   
*(limit to 50 characters including spaces)*

Course Number:

Initiator:

Date Submitted:

Units Min:  *If this is a variable unit course, then the relationship between units and any difference in expected SLO's should be explained.*

Units Max:

Lecture Hours:       Lab Hours:       Activity Hours:

**Student Learning Outcomes:** *(Enter the SLO's in an outline format. Use the Ctrl + Tab keys to indent for subtopics.)*

1. Students will be able to discern the differences between asexual and sexual propagation methods and be able to assess which is the most appropriate (cost effective and successful) for a given plant type.
2. Students will be able to design a propagation bench including environmental control equipment, media and other necessary components, and calculate the cost of materials needed to construct this propagation bed.
3. Students will be able to explain and demonstrate different types of sexual propagation including breeding programs and seed manipulation techniques.
4. Students will be able to describe, complete and evaluate the various asexual propagation processes, including the methods of layering, cutting, grafting and tissue culture.

**SIGNATURES / APPROVALS:**

Instructor(s) \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

Instructor(s) \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_