A. Course Description

- Credits: 3.00
- Lecture Hours/Week: 1.00
- Lab Hours/Week: 2.00
- OJT Hours/Week: 0
- Prerequisites: None
- Corequisites: None
- MnTC Goals: None

This course is a continuation of LAHT2315 with an emphasis on bedding plant production. Topics include fertilization, pest control, size control, and other cultural practices. Students will grow a bedding plant crop.

B. Course Effective Dates: 10/14/10 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. calculate fertilizer rates
2. calculate production costs
3. control greenhouse weeds
4. describe biological pest control
5. describe common greenhouse diseases
6. describe common greenhouse insect pests
7. describe cultural size control
8. describe greenhouse IPM
9. describe greenhouse fertilization
10. describe greenhouse production of perennials
11. describe greenhouse weed control
12. describe growing geraniums
13. describe medium watering
14. describe methods of pesticide application
15. describe plug growing
16. describe safe greenhouse pesticide application
17. describe temperature control
18. describe use of growth regulators
19. discuss post-production life of bedding plants
20. discuss production of hanging baskets
21. discuss production of vegetable transplants
22. fertilize bedding plant crops
23. force flowering bulbs
24. germinate seedlings
25. interpret soil test results
26. inventory crop
27. maintain crop records
28. maintain greenhouse sanitation
29. maintain pesticide records
30. manage bulb sales
31. monitor greenhouse insect pests
32. pinch hanging baskets
33. plant color gardens
34. pot perennials
35. seed bedding plants
36. spray greenhouse
37. sterilize supplies
38. test greenhouse media
39. transplant plugs
40. transplant seedlings
41. water bedding plant crops

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted