PESTICIDE APPLICATOR LICENSING FOR LANDSCAPE PROFESSIONALS — LAHT 2405

A. Course Description
   - **Credits:** 2.00
   - **Lecture Hours/Week:** 2.00
   - **Lab Hours/Week:** 0.00
   - **OJT Hours/Week:** 0
   - **Prerequisites:** None
   - **Corequisites:** None
   - **MnTC Goals:** None

   This course is an overview of pest control and integrated pest management. It reviews proper, safe, and legal application of pesticides, with emphasis on knowledge needed to pass state pesticide applicator's test.

B. Course Effective Dates: 10/7/10 – Present

C. Outline of Major Content Areas
   As noted on course syllabus

D. Learning Outcomes
   1. classify disease control chemicals
   2. classify herbicides
   3. classify insecticides
   4. classify other pesticides
   5. classify pest control strategies
   6. describe FIFRA
   7. describe Minnesota Pesticide Control Law
   8. describe Worker Protection Standards
   9. describe biological control of pests
   10. describe components of an IPM system
   11. describe disposal and cleanup
   12. describe environmental protection
   13. describe incidence response
   14. describe optimizing spray efficacy
   15. describe personal protection
16. describe pesticide formulations
17. describe response to pesticide poisoning
18. describe sprayer calibration
19. describe sprayer maintenance and operation
20. describe transportation and storage of pesticides
21. describe types of sprayers
22. discuss pesticide compatibility
23. discuss pesticide toxicity and hazard
24. explain basic pest control protocol
25. explain pesticide problems
26. identify sprayer parts
27. interpret pesticide label
28. list spray adjuvants
29. pass Minnesota pesticide examination
30. review disease pests
31. review insect pests
32. review other pests

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

F. Learner Outcomes Assessment

   As noted on course syllabus

G. Special Information

   None noted