LANDSCAPE CONSTRUCTION I — LAHT 1300

A. Course Description

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

This course covers the study and practice of the skills necessary to install landscape plantings and materials. Sample subjects include planting, edging, mulching, retaining walls, decks, patios, and fences. This course emphasizes plantings. Building codes and permits are also discussed. Prerequisites: None

B. Course Effective Dates: 3/24/98 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Identify landscape tools
2. calculate material needs
3. calculate materials for lawn installation
4. demonstrate edging installation
5. demonstrate final soil grading
6. demonstrate mulch installation
7. demonstrate plant fertilization
8. demonstrate planting procedures
9. demonstrate site clean-up
10. demonstrate sod removal
11. demonstrate soil amending
12. demonstrate staking a job site
13. demonstrate transplanting
14. demonstrate tree staking and wrapping
15. demonstrate weed barrier installation
16. describe building codes
17. describe deck construction materials
18. describe fencing styles and materials
19. describe hardscape building materials
20. describe harvesting methods
21. describe major patio components
22. describe retaining wall types
23. describe types of edging
24. estimate tool and equipment requirements
25. explain block wall construction
26. explain concrete finishing
27. explain concrete mixing coloring
28. explain deck construction process
29. explain erosion control measures
30. explain fence construction
31. explain installation of weed barriers
32. explain need for soil amendments
33. explain obtaining a building permit
34. explain parts of deck
35. explain patio installation
36. explain plant pruning procedures
37. explain planting procedures
38. explain post planting care
39. explain retaining wall design fundamentals
40. explain site preparation
41. explain soil grading
42. explain timber wall construction
43. explain transplanting
44. explain tree wrapping and staking
45. explain wall drainage and backfill
46. identify mulches
47. identify soil amendments
48. interpret a landscape design

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

F. Learner Outcomes Assessment

   As noted on course syllabus

G. Special Information
None noted