COMMON COURSE OUTLINE: Course discipline/number/title: HORT 2335: Landscape Design

A. CATALOG DESCRIPTION
1. Credits: 3
2. Hours/Week: 1 hour lecture, 4 hours lab
3. Prerequisites (Course discipline/number): ENGL 0980, MATH 0093, HORT1315, HORT1320.
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course is focused on the application of landscape design principles to residential and commercial landscape projects. The intent of this design course is to allow the student to build design proficiency and independent problem-solving skills when working with landscape design projects. The content goals will be applied to specific landscape design projects so that the student may experience the broad scope of landscape design. Emphasis is place on Landscape Site Analysis and Landscape Design Fundamentals. An introduction on the use of Computer Aided Design (CAD) in landscape design will be included.

B. DATE LAST REVISED (Month, year): February, 2010

C. OUTLINE OF MAJOR CONTENT AREAS:
The ability produce high quality landscape design requires an integration of artistic and technical skill. The Landscape design professional must be able to:
1. Carefully analyze and integrate client and site information into the landscape design.
2. Apply graphic design skills
3. Develop the ability to assess the visual feel of the design.

These skills are developed through the application of design concepts to landscape design projects. This course is focused on the application of landscape design principles to basic residential and commercial landscape design projects.

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Identify landscape drawing tools and equipment.
2. Use landscape drawing tools and equipment.
3. Draw scale base maps.
4. Draw scale base map circulation patterns.
5. Draw concept-bubble diagrams.
6. Perform scale studies.
7. Perform landscape component sizing.
8. Analyze site analysis data.
9. Analyze client needs assessment data.
10. Apply site analysis data.
11. Apply client needs analysis data.
12. Perform concept-bubble diagram refinement.
13. Apply architectural style data.
15. Prepare contour overlays.
16. Apply landscape historical concepts.
17. Apply area use concepts.
18. Apply spatial division concepts.
19. Apply plant form-spacing concepts.
20. Apply circulation pattern concepts.
21. Apply public-private-service area concepts.
22. Apply line of approach concepts.
23. Apply design visual feel-control concepts.
24. Apply line relationships.
25. Apply color-texture relationships.
26. Apply scale-proportion relationships.
D. **LEARNING OUTCOMES (GENERAL): Continued.** The student will be able to:

27. Apply simplicity-logic-balance relationships.
28. Apply repetition-rhythm-focus relationships.
29. Apply retaining wall concepts.
30. Apply pool-pond concepts.
31. Apply brick-stone-concrete surface use concepts.
32. Apply outdoor lighting concepts.
33. Apply deck-porch concepts.
34. Apply berm-mound concepts.
35. Apply fence concepts.
36. Apply garden concepts.
37. Apply irrigation concepts.
38. Apply plant material concepts.
39. Draw retaining wall construction details.
41. Draw brick-stone-concrete surface construction details.
42. Draw lighting details.
43. Draw fence construction details.
44. Draw berm-mound details.
45. Draw garden details.
46. Draw irrigation details.
47. Prepare title blocks.
48. Prepare plant lists.
49. Prepare overlay copies.
50. Perform drawing scale modifications.
51. Perform landscaper drawing coloration.
52. Prepare profile drawings.
53. Prepare section drawings.
54. Prepare plan view drawings.
55. Prepare elevation drawings.
56. Prepare perspective drawings.
57. Prepare landscape sketches.
58. Prepare presentation drawings.
59. Reproduce landscape designs.
60. Copy landscape designs.
61. Perform landscape design cost analysis.
63. Demonstrate landscape design research-drawing accuracy

E. **LEARNING OUTCOMES (MNTC):** NA

F. **METHODS FOR EVALUATION OF STUDENT LEARNING:**
1. Exams
2. Quizzes
3. Lab work
4. Other assignments
5. Class participation

G. **SPECIAL INFORMATION (if any):** None