CAD II — ARCT 1207

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 builds on the student's knowledge of AutoCAD. The student will use intermediate AutoCAD techniques to develop construction drawings to supplement the work in ARCT 1500. Prerequisites: ARCT1107

B. Course Effective Dates: 8/1/00 – Present

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

D. Learning Outcomes
   1. Change properties of objects
   2. Customize toolbars
   3. Demonstrate an understanding of the project
   4. Demonstrate use of blocks
   5. Demonstrate use of w block
   6. Dimension elevations
   7. Dimension plans
   8. Dimension sections
   9. Dimension settings
   10. Draw circles
   11. Draw construction document building sections
   12. Draw construction document details
   13. Draw construction document elevations
   14. Draw construction document floor plans
   15. Draw construction document wall sections
   16. Draw multiple lines
17. Draw poly lines
18. Draw rectangles
19. Insert w block into file
20. Make design development building sections
21. Make design development elevations
22. Make design development floor plans
23. Master auto cad settings
24. Master crossing window
25. Master drawing commands
26. Master hatch commands
27. Master the use of paper space
28. Master use of object snap
29. Master use of running object snap
30. Match properties of objects
31. Modify plans
32. Modify sections
33. Plot cad drawings
34. Research AutoCAD standards
35. Research AutoCAD tools
36. Select line types
37. Select text size
38. Select text style
39. Use extend command
40. Use fillet command
41. Use modify scale commands
42. Use offset command
43. Use pan command
44. Use trim command
45. Use zoom command
46. Write elevation notes
47. Write plans notes
48. Write section notes

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

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted