A. Course Description

- **Credits:** 5.00
- **Lecture Hours/Week:** 4.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

Students prepare architectural drawings for multi-story commercial buildings. This course builds upon the students' architectural technology skills as they prepare construction drawings for more complex buildings. Content from prior courses and sustainability will be integrated into comprehensive studio projects.

B. Course Effective Dates: 8/27/12 – Present

C. Outline of Major Content Areas

   As noted on course syllabus

D. Learning Outcomes

1. Analyze program requirements
2. Create renderings of project
3. Draw building sections for a two-story building
4. Draw door details
5. Draw door schedule
6. Draw enlarged restroom plans and restroom elevations
7. Draw exterior elevations for a two-story building
8. Draw floor plans for a two-story building
9. Draw footing details
10. Draw interior elevations
11. Draw reflected ceiling plan with lighting schedule
12. Draw roof details
13. Draw stair details with guardrail and handrail details
14. Draw wall details for a two-story building
15. Draw wall type details
16. Perform A.D.A. analysis
17. Perform code analysis

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

F. **Learner Outcomes Assessment**
   
   As noted on course syllabus

G. **Special Information**

   None noted