



COMMERCIAL STUDIO II — IDES 2137

A. Course Description

- **Credits:** 4.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 2.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course covers the interior design of public spaces. The design process will be applied, with emphasis on the design development phase (refining the design concept and focusing on design details) and the contract documentation phase (construction drawings and specifications). Students will continue to address commercial furnishings, lighting and finish materials. Synthesis of design elements and principles, building systems and regulations, sustainable design principles and product application will be used in progressively complex commercial interior design 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 aesthetic requirements
2. Analyze functional requirements
3. Conduct project research
4. Create Prototypes ('Typicals')
5. Create alternate layouts
6. Create bubble diagrams
7. Create preliminary layout
8. Define BOMA standards
9. Define circulation factor
10. Define commercial design
11. Define commercial infrastructure (power, data distribution, HVAC)
12. Define contract documentation

13. Define facilities management and tenant improvement
14. Demonstrate handicapped accessibility
15. Develop schematic design concepts
16. Draw demolition plan
17. Draw dimensioned construction plan
18. Draw dimensioned elevations
19. Draw dimensioned section and/or detail
20. Draw freestanding furniture plan
21. Draw furniture system plan
22. Draw power/communication plan
23. Draw reflected ceiling plan
24. Evaluate room/area functions in corporate interiors
25. Identify addendums, request for quotes and change orders
26. Identify block diagrams
27. Identify commercial acoustical solutions
28. Identify ergonomic seating
29. Identify finish material schedules
30. Identify punch list
31. Identify stacking diagrams
32. Identify symbol legends and construction notes
33. Prepare design concept statement
34. Prepare furniture proprietary specification
35. Prepare project schedule
36. Research commercial ceiling designs
37. Research commercial lighting techniques
38. Research commercial occupancy building codes
39. Research freestanding office furniture
40. Research furniture systems
41. Sketch perspectives
42. Utilize the design process

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

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted

