

MASTER SYLLABUS

COURSE NO., HOURS, AND TITLE: ID 492-4
Interior Design Studio IV

COURSE DESCRIPTION:

Completion of an interior design project of approximately 5,000 square feet as initiated in ID 451. Emphasis is on design process from schematic design through completion of annotated construction documents with estimate of cost. Facility types include Health Care or Recreation/Hospitality. Not for graduate credit. Prerequisites: 451, 481, 491, and major in interior design or consent of school director.

PREREQUISITE TO: None

COURSE OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Generate a satisfactory schematic design solution to the project problem statement based on the program developed in ID 451.
2. Develop the preliminary design based on the physical limitations of the project building structure.
3. Generate a complete set of presentation materials for the project design solution and give a verbal resentation of that solution. Become familiar with several types of presentation support materials and methods. (i.e. powerpoint presentations, etc.)
4. Develop a 3-D model of the design solution, as well as develop study models of the progressing design to develop an understanding of the vertical relationships of the programmed functions, as they are defined and aligned with the existing building,
5. Demonstrate a 3-D model of the design solution, as well as develop study models of the progressing design to develop an understanding of the vertical relationships of the programmed functions, as they are defined and aligned with the existing building.
6. Show competent use of 2-D and 3-D design elements and principles, and applicable and appropriate color use.
7. Demonstrate sketching capabilities in the development of the design solution and maintain a "logbook" of process and research documents.

8. Show the integration of the programmed design elements and the systems of the selected building. Show the various building systems, materials and products utilized in the design solution. An understanding of sustainable resources should be supported via the design solution.
9. Demonstrate an understanding of compartmentalization, movement, fire detection and suppression, appropriate application of codes, regulations and standards, barrier free design concepts, and ergonomic and human factors.
10. Have an understanding, as demonstrated in the design solution, the impact design has on the health and welfare of indoor air quality, noise, lighting, and universal design principles.

TOPICAL OUTLINE:

Topics	Percentages of Time
I. Programming (review and supplement to program Prepared in ID 451) <ul style="list-style-type: none"> A. Project goals B. Review of program requirements C. Further breakdown of psychological programmed functions 	5%
II. Design Concept Development and Presentation	5%
III. Schematic Design <ul style="list-style-type: none"> A. Review of existing building conditions and impact of systems on design parameters B. Review space requirements, adjacencies and zone Diagrams (updated program doc) C. Code analysis and review (appendix of program doc) D. Blocking diagrams and vertical blocking E. Circulation studies (horizontal and vertical) F. Volumetric design G. Daylighting studies (solar impact and infiltration) H. Sequencing of spaces and spatial quality considerations I. Orientation of programmed elements and research into thematic Elements (based on individual program doc) J. Acoustical planning K. Plumbing considerations and HVAC review and coordination with existing structure L. Concept sketches and 3D study modeling (computer modeling as well if desired) M. Exploration of possible solutions with regard to form and composition as well as preliminary material selections according 	25%

to concept statement and problem goals

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| IV. | Design Development | 20% |
| A. | Plan development | |
| | 1. floor plans | |
| | 2. sections | |
| | 3. reflected ceilings and materials | |
| | 4. finish plans and review of locations of selected materials and finishes | |
| | 5. interior details as related to existing and new conditions | |
| | 6. HVAC integration and locations | |
| | 7. electrical integration | |
| | 8. plumbing integration | |
| V. | Preliminary Design Presentation | 5% |
| VI. | Final Design Presentation | 35% |
| A. | Physical presentation (minimum requirements) | |
| | 1. all floor plans required by the design solution | |
| | 2. sections as required by the design solution | |
| | 3. material selections and display as required by design solution | |
| | 4. layout of furnishings and fixtures as defined by the design solution | |
| | 5. interior elevations as required by the design solution | |
| | 6. interior perspectives as required by the design solution | |
| | 7. model of the design to best portray the three dimensionality of the solution | |
| | 8. blocking diagrams to explain program relationships | |
| | 9. coordinated graphics for program document created in ID 451 and thesis solution ID 492 (must be consistent and easily understood as related to choice of project typology) | |
| | 10. all color palettes selected for the design solution | |
| VII. | Final Verbal Design Presentation and Juried Analysis | 35% |

TEXTBOOKS:

No textbooks used