

COURSE OUTLINE

INDS-104

Drafting and Space Planning for Interior Design 3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course covers the functional, aesthetic, and spatial design of interior spaces. The vocabulary and drafting skills used by professionals in the interior design industry will also be covered. Students will examine environmental, interior and architectural problem solving through space analysis, planning, and decoration of hypothetical contract and residential projects. Prerequisite: INDS-101 and ARTT-109. (4 hours weekly)

Overall Course Objectives

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

1. Use matrices and diagrams to fully visualize the space analysis draft process.
2. Use bubble diagrams to fully visualize the space analysis process.
3. Understand and apply ergonomic design factors, building codes, accessibility codes, lighting and mechanical systems in the development of a floor plan.
4. Manipulate a building's interior space with both practical and aesthetic considerations.
5. Select and specify furniture, accessories and finishes appropriate to interior type and purpose.
6. Arrange conventional furniture and office systems furniture.

Major Topics

- I. Construction of a Criteria Matrix.
- II. Reading and drawing prototypical plan sketches.
- III. Drawing relationship diagrams.
- IV. Construction of a Bubble diagram.
- V. Block plans.
- VI. The building shell and its HVAC systems.
- VII. Factors influencing the space plan: building codes, acoustical, and lighting requirements.
- VIII. Room and circulation allocations,
- IX. Refining the rough floor plan.

Course Requirements

Grading procedures will be determined by the individual faculty member and will include specified reading assignments and written exams.

Other Course Information

This course is a Fine Arts, Humanities, and Arts and Sciences elective.