



**NEW JERSEY INSTITUTE OF TECHNOLOGY  
COLLEGE OF ARCHITECTURE AND DESIGN**

### ***CORPORATE HEADQUARTERS AND SHOWROOM***

**COURSE:** INT 364 – Interior Design Studio IV (5 credits)  
**PROGRAM:** Interior Design/School of Art + Design  
**LOCATION:** Second semester third year studio course/spring term (undergraduate)  
**INSTRUCTOR:** Angus Eade

**DESCRIPTION:** A studio course that offers advanced introduction to commercial design, with a particular focus on office interior environments and retail stores. Students are exposed to client requirements as well as sociological, physiological, and psychological aspects of design while using the site and building context to develop the spatial and physical character of the interior space. This course specifically made a link between making and selling and teams of two students were asked to create a series of patterns to be used for wall, floor and furniture coverings, and then design a workspace and retail outlet for the products designed.

**PROJECT:** Design a two-story project for a business that designs, fabricates, and sells surface coverings for walls, floors, and furniture. Included in the project are design and fabrication facilities for “mass customization” utilizing current digital technologies.

**REQUIREMENTS:** Design, in detail, the showroom and workspace for a business that creates and sells surface coverings. Provide office spaces that will accommodate the needs for strategic planning, marketing/advertising, , corporate development and legal operations, and facilities for digital printing and client/professional collaboration. Common and public spaces like break rooms, conference and meeting rooms, café, bathroom facilities, mechanical equipment spaces, etc. must be included and designed. The design process is broken out into discrete phases: (1) design of patterns and color palettes for products to be sold; (2) analysis of program requirements; (3) design concept; (4) schematic design; and (5) design development. Deliverables include plans, interior elevations, furnishing and finish schedules, interior rendered visualizations/images.

**OBJECTIVES:** (1) To encourage thinking and creative interpretation of the project’s overriding goals, the formal language and character of the design, the organization, group interaction, and privacy. (2) To develop an understanding of an integrated approach to design that clearly demonstrates a personal design sensibility, a clear idea linked through conceptual, technical, constructive, and performative criteria. (3) To bridge the gap from concept to construction, understanding how new technology, materials, furniture, and finishes inform the process and still enhance conceptual ideas. (4) To develop, resolve, and implement functional programmatic relationships and technical verification of the project concept. (5) To develop a strong understanding of the relationship between the design and fabrication of products. (6) To combine traditional and digital media in the generation and design of fabric and surface covering patterns. (7) To understand the basics of communication and advertising in order to translate the essence of the brand into a built space. (8) To incorporate the study of office systems as it relates to commercial design environments. (9) To demonstrate an advanced understanding of the relationship between physical space and human behavior, studying ergonomic conditions. (10) To demonstrate craft and integrity in the model and drawings. (11) To increase communication skills, visual, and verbal presentation. (12) To understand the ADA (American with Disabilities Act) regulations and standards, specifically as it applies to building entrances, interior circulation, and bathroom facilities.