



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

BRANCH PUBLIC LIBRARY FOR BROOKLYN

COURSE: INT 464 – Interior Design Studio V/Comprehensive Studio (5 credits)
PROGRAM: Interior Design/School of Art + Design
LOCATION: Second semester fourth year studio course/spring term (undergraduate)
INSTRUCTOR: Brian Holland

DESCRIPTION: A comprehensive interior design studio with a project of advanced design and programming complexity concentrating on a larger multi-level institutional and/or mixed-use building type. The semester consists of one design projects. Students work to initiate research and development through all design phases to synthesize the functional, sociological, aesthetic, regulatory, and project-specific technical requirements of their projects as they relate to interior design. Students produce an interiors project that demonstrates the understanding and integration of furniture and finishes, environmental and life-safety systems, temporary and permanent interior construction systems, and principles of sustainability.

PROJECT: The studio is a semester-long engagement with the making of public interior space, structured around the design of a new branch library for Brooklyn Heights. The library will provide a rich topic of inquiry, allowing students the opportunity to create a culturally significant public space that serves the needs and desires of a diverse community of users, and to confront the many practical and conceptual challenges underlying a historically-significant program type currently undergoing profound social, cultural, and technological change. The semester is divided into three phases: Research and Analysis; Programming and Schematics; and finally, Design Development and Documentation.

REQUIREMENTS: An explicit and collaborative design process performed by teams that includes precedent study, site analysis, and study of user needs precedes the schematic design phase of the project. Upon completion of the project, students are required to present all plans and sections, concept and adjacency diagrams, and renderings of significant spaces. Also required are design details of at least one significant custom feature (e.g. stairs, circulation desk, built-in furniture); diagram of heating and cooling systems; and schedules for materials, finishes, and lighting.

OBJECTIVES: The comprehensive studio for Interior Design is, in part, a “test” for students in their final semester of design studio to assure that the level of expertise meets CIDA standards for a designer who is ready for an entry-level position in the profession. This means, among other things, that the project must comply with health, safety, and welfare requirements of users – including ADA requirements. It also means that the project has a complete set of schedules and that spaces satisfy the needs of the diverse group of individuals who will use a project. Finally, a project in comprehensive studio must be a programmatically complex multi-story project that can demonstrate clear logic and circulatory flow within floors, and between floors.

REFERENCES and RESOURCES: (1) Battles, Matthew. *Library: An Unquiet History* (W.W. Norton and Company, 2003). (2) Beek, Marijke and Eva DeCarlo. *Living Library: Wiel Arets: Utrecht University Library* (Prestel, 2005). (3) Borges, Jorge Luis. “The Library of Babel” in *Ficciones*. (New York: Grove Press, 1962). (4) Campbell, James W.P. *The Library: A World History* (Chicago: University of Chicago Press, 2013). (5) Della Casa, Francesco. *Roxley Learning Center* (Lausanne: EFPL Press, 2010). (6) Kubo, Michael and Ramon Prat. *Seattle Public Library, OMA/LMN* (The University of Michigan Press, 2007). (7) Mattern, Shannon. *The New Downtown Library: Designing With Communities* (University of Minnesota Press, 2007). (8) Lushington, Nolan, Wolfgang Rudolf and Liliane Wong. *Libraries: A Design Manual* (Basel: Birkhauser, 2016). (9) Schnapp, Jeffrey T. and Matthew Battles. *The Library Beyond the Book* (Cambridge: Harvard University Press, 2014). (10) van der Werf, Huib Haye. *The Architecture of Knowledge: The Library of the Future* (Rotterdam: NAI Publishers, 2010).

The Architectural League of NY & The Center for an Urban Future. Re-envisioning Branch Libraries (2014).

<http://archleague.org/2014/07/re-envisioning-branch-libraries/>

Digital Public Library of America <https://dp.la/>

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The Danish Agency for Culture and Palaces. Model Programme for Libraries (2015). <http://modelprogrammer.slks.dk/en/>

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