

INT 464 / NJIT / INTERIOR DESIGN V / COMPREHENSIVE DESIGN

New Jersey Institute of Technology // College of Architecture & Design // School of Art and Design // Interior Design
Spring 2025 // Mondays and Thursdays 1:00-5:20 pm // Weston 740

Instructors // INT464-002 / **David Brothers** / brothers@njit.edu

INT464-004 / **Adam Raiffe** / ajr27@njit.edu

COURSE DESCRIPTION

INT 464 is a comprehensive interior design studio of advanced design and programming complexity that explores a mix of building typologies housed in a larger multi-level institutional and mixed-use building of historical significance. The semester will consist of one project that is developed through multiple interrelated design efforts. Students will 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 will 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. Thorough graphic representation and oral presentation of the final project is required.

OBJECTIVES /

- To continue developing an understanding of the social/cultural dimensions of interior environments. *(CIDA Standard 4)*
- To demonstrate an understanding of the concepts, principles, and theories of sustainability as they pertain to building methods, materials, systems, and occupants. *(CIDA Standard 13)*
- To understand and appropriately apply theories of human behavior for learning environments. *(CIDA Standard 7)*
- To engage in the practice of a design process that facilitates the resolution of an interior design problem. *(CIDA Standard 8)*
- To gather appropriate and necessary information and research findings to resolve programmatic design issues (evidence-based design). *(CIDA Standard 8)*
- To analyze historical precedent as a means of exploring issues pertaining to the project typology. *(CIDA Standard 10)*
- To evaluate, select, apply and synthesize information and research findings to generate multiple concepts and/or multiple design responses to programmatic requirements. *(CIDA Standard 8)*
- To demonstrate creative thinking and originality through presentation of a variety of ideas, approaches, and concepts for a residential environment. *(CIDA Standard 8)*
- To engage in collaboration, consensus building, leadership, and team work. *(CIDA Standard 5)*
- To produce competent presentation drawings across a range of appropriate media. *(CIDA Standard 9)*
- To select and apply appropriate materials and products on the basis of their properties and performance criteria, including environmental attributes and life cycle cost. *(CIDA Standard 13)*
- To be able to layout and specify furniture, fixtures, and equipment. *(CIDA Standard 13)*
- To understand the relationship of building and environmental control systems as an integral component of interior design solutions. *(CIDA Standard 14)*
- To demonstrate knowledge and application of interior construction, building systems, codes & regulations *(CIDA Standards 15+ 16)*

DELIVERY MODE /

Converged // As a *Converged Learning* class, students will engage the curriculum in both face-to-face interaction and through synchronous video conferencing. Students must come prepared with audio and video technology (internet service, web camera, headphones, etc.) to work from both home and school.

PREREQUISITES /

INT 321, INT 322, INT 364, ARCH 282, ARCH 337; Co-prerequisites: AD 201

SCHEDULE /

Mondays & Thursdays // 1:00–5:20p

CREDITS /

5 Credits

EVALUATION & POLICIES /

This design studio will focus on the synthetic, creative problem-solving processes used to generate design ideas, the methods by which they are rigorously tested and developed, and the techniques used to produce high-quality documentation materials. Models, drawings and images are the means by which the work is to be represented. They will be used to frame questions and propose answers during both individual desk crits and group discussions and pinups. As such, it is expected that in order to facilitate the productive exchange of ideas, all work will be clearly and completely documented, and done so in a timely manner. A significant emphasis will be placed on the quality of project documentation, and projects will be assessed based on both the merits of their content as well as on their effective communication of that content. Grading will be based on both individual and team effort, where appropriate. Final course grades will be based on the breakdown shown below, and the following criteria will be used for evaluating each student's performance:

Grading Criteria: initiative, research, participation, synthetic ability, depth and breadth of design exploration, quality of work

RESEARCH & ANALYSIS:	25%	5 WEEKS
CONCEPTS & SCHEMES:	25%	4 WEEKS
DESIGN DEVELOPMENT:	50%	6 WEEKS

Incompletes are granted only in the event of a documented medical or family emergency, and must be approved by the instructor and administration. NJIT has a policy of issuing midterm warnings to students who are not performing at a satisfactory level. Any student issued a warning will be required to have a conference with the instructor to evaluate satisfactory completion of the work for the remainder of the semester. At any point during the semester students can arrange to meet with the instructor to inquire as to how their work is progressing and/or how they might improve their performance.

GRADING SCALE /

A	4.0 (100-90)	Superior	<i>Student learning and accomplishment far exceeds published objectives for the course/project/ assignment and student work is distinguished by its consistently high level of competency and/or innovation.</i>
B+	3.5 (89-86)	Excellent	<i>Student learning and accomplishment goes beyond what is expected in the published objectives for the course/project/assignment and student work is frequently characterized by its special depth of understanding, development and/or innovative experimentation.</i>
B	3.0 (85-80)	Very Good	
C+	2.5 (79-76)	Good	<i>Student learning and accomplishment meets all published objectives for the course/project/ assignment and student work demonstrates the expected level of understanding and application of concepts introduced.</i>
C	2.0 (75-70)	Acceptable	
D	1.0 (69-60)	Minimum	<i>Student learning and accomplishment based on the published objectives for the course/project/test were met with minimum passing achievement.</i>
F	0.0 (<60)	Inadequate	<i>Student learning and accomplishment based on the published objectives for the course/ project/assignment were not sufficiently addressed nor met.</i>

ACADEMIC INTEGRITY /

This class will be conducted in compliance with all principles and regulations of the NJIT Academic Honor Code. The Honor Code defines various forms of academic dishonesty and you should make yourself familiar with these. In this course, assignments, projects, and exams that are turned in for a grade must represent the student's own work. For work that is specifically assigned as collaborative, all parties are encouraged to apportion the work equitably, may consult with people outside the group who have insights or knowledge of value to the study, and must acknowledge the sources of such collaboration and/or assistance. No form of academic dishonesty – cheating, plagiarism, or failure to follow critical guidelines in coursework – will be tolerated. Submission of any assignment that is in violation of this policy will result in a penalty of an 'F' grade for the given assignment. If you have any question concerning this policy before submitting an assignment, please ask for clarification prior to submission. For more information visit:

<http://www.njit.edu/education/pdf/academic-integrity-code.pdf>

FINAL DOCUMENTATION / KEPLER /

*All work designated by the instructor MUST be uploaded to the Kepler site before the conclusion of the semester in order to receive a grade. Failure to comply will result in a failing grade (F) for the course.

ATTENDANCE /

You are expected to attend every class unless there is an acceptable excuse (see below). You are expected to be on time, present, and working in studio or online for the entire duration of the class. If you arrive (or log in) late or leave early without prior approval of your instructor you will be considered absent. If you miss a session, you are responsible for the material and directions covered. The NJIT attendance policy for ALL Students is as follows: after three absences students may be docked one-half grade for each subsequent unexcused absence. (i.e., if the final grade would have been an 'A', it results in a 'B+'. A 'B+' becomes a 'B' and so on. There is a one-half grade penalty for EACH absence after the third). Acceptable absences are as follows:

Documented Medical Excuse

Any illness/accident/medical reason for not attending class MUST be documented by a medical professional/practitioner and submitted to the Office of the Dean of Students within two weeks.

Religious Observation

Students must inform their instructor prior to the class that they will miss a session (or sessions) due to religious observance. Students are permitted to observe religious holidays of one and only one religion per semester.

STUDIO WORK /

Students are expected to be in studio and prepared to present their work at the beginning of all scheduled critiques. Your active participation in class discussions is a learning expectation of the studio. For safety reasons, all critiques will be handled remotely. Therefore, students should be prepared to regularly upload process work to a shared drive for online and/or digitally projected review. Studio is also the time for dialogue with your classmates concerning the project so this will be actively encouraged through in-person and social media tools. Use studio time constructively to give and receive assistance with your work.

ASSIGNMENTS /

Work is due as scheduled on the syllabus or as otherwise assigned by your instructor. Work will be accepted up to one week late but it will be dropped in grade. All written work submitted for this course must meet the Standards for English I. Poorly written papers will be returned to you, without a grade, for revision. Students are encouraged to utilize the resources provided by NJIT for assistance with written papers.

BACKING UP WORK /

Back up your work on a daily basis. Lost work due to computing problems will not be an acceptable excuse for incomplete work.

REVIEWS /

There will be periodic pin-up reviews during the semester. Active participation in these reviews is an important part of your studio experience. Each student should be prepared to present at the beginning of the class time and stay for the entire class. If you are not prepared to present at the beginning of the class session (or are not present) your grade for the presentation may be reduced.

CELL PHONE & COMPUTER USE /

It is well recognized that digital technology devices (cell phones, personal digital assistants, laptops, etc.) are a ubiquitous and necessary accessory to student life. It is expected, however, that these devices will be used exclusively for educational purposes during class time as authorized by your instructor for the purpose of specific classroom instruction. Instructors reserve the right to limit access and/or to ask students to leave class if their application for personal use inhibits the effectiveness of either individual or class learning.

STUDENT ACCOMMODATIONS /

All reasonable efforts will be made to accommodate a student with a temporary disability (e.g., broken arm, protracted illness, etc.) as long as the student is responsible for communicating with their instructor about the issue and for cooperating in its resolution. Students with more permanent physical or learning disabilities must provide documented requests for accommodation to their instructor at the beginning of the semester (or as soon as the disability is diagnosed and documented). Students should contact the Disability Office (<http://www.njit.edu/counseling/services/disabilities.php>) for further information and instruction for obtaining medical and/or psychological disability documentation.

SCHEDULE CHANGES /

The published course schedule (including assignment due dates) is subject to change at the instructor's discretion. It is the student's responsibility to attend class and keep track of schedule changes.

* SCHEDULE /

PART 1 / RESEARCH & ANALYSIS

01	THU	23 JAN	introduction / lecture / begin exercise one: stone soup
02	MON THU	27 JAN 30 JAN	review 1: exercise one stone soup / project one: ECJ adaptive reuse assign part 1: research & analysis / 1.1: <i>research</i>
03	MON THU	03 FEB 06 FEB	project site visit: Essex County Jail studio session / 1.2: programming
04	MON THU	10 FEB 13 FEB	studio session studio session / 1.3: bldg analysis
05	MON THU	17 FEB 20 FEB	studio session review 2: research & analysis / assign part 2: <i>concepts & schemes</i>

PART 2 / CONCEPTS & SCHEMES

06	MON THU	24 FEB 27 FEB	site visit / DIA Beacon _Beacon NY studio session
07	MON THU	03 MAR 06 MAR	studio session studio session / schematic design pin-ups
08	MON THU	10 MAR 13 MAR	studio session studio session
09		15-23 MAR	spring break / no studio

PART 3 / DESIGN DEVELOPMENT & DOCUMENTATION

10	MON THU	24 MAR 27 MAR	review: concepts & schemes / assign part 3: <i>design development</i> studio session
11	MON THU	31 MAR 03 APR	studio session / pin-ups studio session
12	MON THU	07 APR 10 APR	studio session / pin-ups studio session
13	MON THU	14 APR 17 APR	studio session / pin-ups studio session
14	MON THU	21 APR 24 APR	studio session / pin-ups studio session
15	MON THU	28 APR 01 MAY	review: design development / assign part 4: <i>FF&E documentation</i> studio session
16	MON TUE	28 MAY 29 MAY	studio session final review / final documentation due / (see “evaluation”)

* note: schedule is subject to change at instructor's discretion