



NEW YORK CITY COLLEGE OF TECHNOLOGY OFFICE OF COLLABORATIVE PROGRAMS

SUMMER 2022 Program

Architecture and Urban Design Immersion Program



CollegeN@W!  
CityTech

## PROGRAM DESCRIPTION AND ELIGIBILITY REQUIREMENTS

Participants of the **Architecture and Urban Design Immersion Program** will approach architecture and urban design disciplines through a cross-disciplinary lens that studies cultural diversity embodied by New York City. By linking historical, cultural, and political context to physical forms of buildings and urban spaces, the program will deepen their appreciation for how architecture can engage with various disciplines to reshape our built environments and experiences. Strategies to succeed in college, collaboration and leadership in groups, and effective oral and written communication skills are also emphasized through the series of supported laboratory workshops, field trips, interface with guest lecturers and community members, and the final showcase built into the curriculum. Upon successful completion of this program, participants will earn 2 college credits transferable toward the ARCH1101: Introduction to Architecture course offered at the NYC College of Technology (City Tech).

All applications must include an **official high school transcript, parent consent form** and **notarized off-campus travel waiver**.

Eligible applicants must be in **10<sup>th</sup> or 11<sup>th</sup> grade** (rising juniors or seniors) **in good academic standing at their home schools (GPA 80+)** and demonstrate a strong record of attendance; no schedule conflicts during the summer 2022 semester. All applications are reviewed and decisions made on a first-come, first-served basis. No incomplete applications will be considered for this program. Participants are required to *ALL* program meetings and events. We reserve the right to withdraw any student for non-attendance. Please read below regarding CUNY's COVID-19 vaccination policy for summer 2022.

**For the summer 2022 semester, CUNY will require all students to be *fully vaccinated* for COVID-19 and vaccine verification will need to be submitted *before* the start of the semester. Any student who is unable to provide proof of vaccination prior to the start of the semester will forfeit their registration for the semester.**



**SUMMER 2022 Program**

**Architecture and Urban Design Immersion Program**

**June 30 – August 11, 2022**



Orientation: June 30, 2022 (9:30AM -2:00PM)

Oral presentation: August 11 (10:30AM-1:00PM)

Week 1: Introduction / Perspective & Intention, July 5-8

Week 2: Modes of Representation / Documenting through Composition, July 11-14

Week 3: Layers of Representation / Understanding Quality of Space, July 18-21

Week 4: Stories of Spaces / Forming Awareness, July 25-28

Week 5: Collective Building / Designing for Community, August 1-4

Week 6: Architecture for Change / Designing for Impact, August 8-11

Instructors: Jieun Yang, Adjunct Assistant Professor, Dept of Architectural Technology  
TBD, Design Advocates

<b><u>Orientation Week</u></b>				
9:30am - 11:30am			<b><u>Thursday, June 30 / V-814</u></b> Program Introduction - Matthew Brittain, Director, College Now Program - Jieun Yang, Adjunct Assistant Professor, Dept of Architectural Tech - TBD, Instructor, Design Advocates	
12:00pm - 2:00pm			Library (A438), Campus Learning Center (AG18), Student IDs (N109) & Metro cards	
<b><u>Week 1: Introduction / Perspective &amp; Intention</u></b>				
	<b><u>Tuesday, July 5 / V-814</u></b>	<b><u>Wednesday, July 6 / V-814</u></b>	<b><u>Thursday, July 7 / V-814</u></b>	<b><u>Friday, July 8 / Field trip</u></b>
Lecture 10:30am - 12:20pm	City as a laboratory: Engaging with the built environment through observation and documentation	Architecture as Storytelling: Understanding perspective and documenting with intentions	Revisiting Central Park: field trip context topics including public health, urban planning, infrastructure  Guest Lecture: TBD	Central Park (Meet at Seneca Village)  Fieldwork: Document travel to the site, important nodes and activities observed during the field trip, and relationship to surrounding neighborhoods.
12:20pm - 1:00pm	LUNCH			
Lab 1:00pm - 3:30pm	Document movement and experience through the classroom.  Assignment (due next class): Document the commute experience	Review the commute experience documentation.  Draw a top plan view (roof plan) of the selected fruit or vegetable.	Draw an elevation view of the selected fruit or vegetable.	Reading: Excerpts from <i>The Image of the City</i> , K. Lynch.

**Week 2: Modes of Representation / Documenting through Composition**

Lecture 10:30 am - 12:20pm	<b><u>Monday, July 11 / V-814</u></b>  Modes of Representation: 2D (plan, elevation, section) & 3D (perspective, axonometric)	<b><u>Tuesday, July 12 / V-814</u></b>  Principles of Composition: Shapes, forms, proportions, symmetry, hierarchy	<b><u>Wednesday, July 13 / V-814</u></b>  Composing a Sacred Ground: field trip context topics including history, monuments, compositions  Guest Lecture: TBD	<b><u>Thursday, July 14 / Field trip</u></b>  African Burial Ground  Fieldwork: Draw a plan and an elevation. Take photos from different vantage points. Discuss sectional qualities.  Reading: Excerpts from <i>Architecture: Form, Space &amp; Order</i> , F. Ching.
12:20pm - 1:00pm	LUNCH			
Lab 1:00pm - 3:30pm	Cut the selected fruit or vegetable horizontally and vertically, and draw a plan and a section.	Draw a plan of the classroom.	Draw an interior elevation of the classroom.	

**Week 3: Layers of Representation / Understanding Quality of Space**

Lecture 10:30 am - 12:20pm	<b><u>Monday, July 18 / V-814</u></b>  Practicing Representation: Reinforcing 2D & 3D drawings using field documentation	<b><u>Tuesday, July 19 / V-814</u></b>  Layers of Representation: Augmenting understanding through the quality of space (materials, sound, compression vs. expansion)	<b><u>Wednesday, July 20 / V-814</u></b>  How the Other Half Lives: field trip context topics including housing, living conditions, light & air, quality of space  Guest Lecture: TBD	<b><u>Thursday, July 21 / Field trip</u></b>  Tenement Museum  Fieldwork: Draw a plan, two adjacent elevations, and one perspective.  Reading: Excerpts from <i>How the Other Half Lives</i> , J. Riis.
12:20pm - 1:00pm	LUNCH			
Lab 1:00pm - 3:30pm	Review African Burial Ground plan, elevations, and sketches.  Draw African Burial Ground Section.	Draw African Burial Ground Section, cont'd.	Draw African Burial Ground 3D perspective.	

### Week 4: Stories of Spaces / Forming Awareness

Lecture 10:30 am - 12:20pm	<p><b><u>Monday, July 25 / V-814</u></b></p> <p>Architecture as storytelling: Types of narrative representations</p>	<p><b><u>Tuesday, July 26 / V-814</u></b></p> <p>Representing the non-tangibles: Documenting layers of history and culture</p>	<p><b><u>Wednesday, July 27 / V-814</u></b></p> <p>Forming Communities: field trip context topics including settlements, neighborhoods, communities, displacements</p> <p>Guest Lecture: TBD (Sara Caples / Everardo Jefferson)</p>	<p><b><u>Thursday, July 28 / Fieldtrip</u></b></p> <p>Weeksville Heritage Center</p> <p>Fieldwork: Compare the Weeksville community to the student's community and document similarities and differences through writing, videos, and drawings.</p>
12:20pm - 1:00pm	LUNCH			
Lab 1:00pm - 3:30pm	<p>Draw Tenement Museum 3D Axonometric using a plan and elevations</p> <p>Assignment (due next class): Interview a family member or a friend about their favorite place or space. Make sure to ask questions about physical qualities and feelings/memories. Write up the interview.</p>	<p>Based on descriptions of the interview, draw physical attributes of the space.</p>	<p>Overlay drawings capturing feelings and memories (the non-tangibles) from the interview onto the physical attributes drawing to create a composite representation.</p>	<p>Reading: Excerpts from <i>Zoned Out!: Race, Displacement and City Planning in New York City</i>, T. Angotti.</p>

### Week 5: Collective Building / Designing for Community

Lecture 10:30am - 12:20pm	<p><b><u>Monday, August 1 / V-814</u></b></p> <p>Mapping Urban Conditions: Understanding the context of layered mapping shaping architecture and community</p>	<p><b><u>Tuesday, August 2 / V-814</u></b></p> <p>Designing for Community: The architect's role in engaging and shaping the community</p>	<p><b><u>Wednesday, August 3 / V-814</u></b></p> <p>Collective Building: field trip context topics including community engagement, architecture for impact, collaborations</p> <p>Guest Lecture: TBD (Design Advocates x Concourse House Arts Coordinator)</p>	<p><b><u>Thursday, August 4 / Field trip</u></b></p> <p>Northwest Bronx neighborhood</p> <p>In collaboration with - Concourse House - Northwest Bronx Community and Clergy Coalition</p> <p>Fieldwork: Participate in a design workshop with collaborating organizations. Document and collect the outcome of the design workshop.</p>
12:20pm - 1:00pm	LUNCH			
Lab 1:00pm - 3:30pm	<p>Map the built environment using the student's community</p>	<p>Map social conditions of the student's community.</p>	<p>Imagine and map positive influences and changes to the student's community.</p>	

**Week 6: Architecture for Change / Designing for Impact**

	<b><u>Monday, August 8 / V-814</u></b>	<b><u>Tuesday, August 9 / V-814</u></b>	<b><u>Wednesday, August 10 / V-814</u></b>	<b><u>Thursday, August 11</u></b>
Lecture 10:30am - 12:20pm	Case Studies: Housing	Case Studies: Commerce	Case Studies: Culture	Final Showcase/ Presentations Location: Voorhees Auditorium.
12:20pm - 1:00pm	LUNCH			
Lab 1:00pm - 3:30pm	Create a final mixed-media reflection, working in teams of 2-3. Create a composite media reflection of the semester's work responding to the overall thematic question of "what is the impact of architecture" and "What roles could architects play."			

\* *Participants are required to ALL program meetings and events. We reserve the right to withdraw any student for non-attendance.*

\*\* *Trip schedule subject to change, pending availability.*