Architecture & The Built Environment Academy
Summer Program 2025 | July 14-August 1 (Online) + August 4-8 (On Campus)

Our online Summer Academy Program offers hands-on, online courses taught by our faculty and experts in a variety of professional fields, including architecture, interior design, landscape architecture, construction management, and real estate development. This internship-style experience is a great way to explore multiple professional fields while participating in design projects, research projects, and professional firm visits.

Jefferson's College of Architecture and the Built Environment (CABE) pre-college experience is a 1- to 3- week-long online summer design course(s) exploring the architectural design and construction fields including architecture, interior design, landscape architecture, construction management, and real estate development. Our online Summer Academy Summer Program offers hands-on courses taught by our faculty and experts in the industry, with connections to our current students, alumni, and industry mentors. Learn through participating in week-long design projects, activities, research projects, and professional firm visits.

ON-CAMPUS SUMMER ACADEMY 2025 We welcome students to our East Fall Campus at the Center of Sustainability, Energy Efficiency and Design (SEED Center) for a weeklong Summer Academy non-residency, studio experience from August 4 to 8, 10:00AM to 4:00PM EDT. A Career Discovery Week course is a prerequisite to enroll.

Students will:
- Learn how to solve and communicate real-world design problems by exploring different disciplines.
- Learn 2D + 3D analog and digital representation techniques, and learn how to build models.
- Learn foundational design principles such as color, pattern, form, and composition.
- Explore topics such as history and theory, professional practice, and technology.
- Get to know our undergraduate programs in the architectural disciplines.

Schedule
- **Week 1 & 2: July 14-18 or July 21-25 (Required)** - Career Discovery Week: Exploring the Architectural Disciplines
- **Week 2: July 21-25 (Optional)** - Exploration and Design Week: Take a Deep Dive into your Chosen Discipline: Architecture, Interior Design, or Construction Management
- **Week 3: July 28- August 1 (Optional)** - Exploration and Design Week: Take a Deep Dive into your Chosen Discipline: Architecture, Interior Design, or Landscape Architecture
- **Week 4: August 4-8 (Optional)** - Exploration and Design Week On-Campus

For course descriptions, visit our website. Courses are subject to cancellation due to low enrollment. Students and families will be contacted of any schedule changes.

For more information, contact Academy Program Director Erike De Veyra, Assoc. AIA, SEED, at erike.deveyra@jefferson.edu

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Summer Academy Celebration and Symposium
The program will culminate with a Summer Academy Celebration at the conclusion of the four weeks. To ensure all our Summer Academy Students from all over the country can participate, we will host our Summer Academy Celebration and Symposium **online on August 2rd 10:00AM to 12:00PM EDT.**

The celebration includes remarks from the Dean of the College of Architecture and the Built Environment (CABE) Barbara Klinkhammer, student project presentations, Summer Academy Faculty remarks, and opportunities to meet other CABE faculty and Admissions.

Eligibility
This program is for creative problem solvers and out-of-the-box thinkers who seek a creative challenge. No experience needed!

Students who identify as underrepresented minorities, including first-generation college students, are strongly encouraged to apply.

The program is open to high school students who:
- Will be a high school sophomore, junior or senior by September
- Are motivated high school students with a sincere interest in the architectural fields

Program Delivery
The Architecture and the Built Environment Summer Academy is an online experience and will be held daily from 10:00 am to 3:00 pm EST. All classes are held online, live via Zoom.

Our classes are taught synchronously, and we do our best to keep our classes small to give everyone a student-centric experience.

Program Materials
Students enrolled in the program will not only use Jefferson's online course platform Canvas, they will also receive a supply kit by mail to complete the program, including drawing/drafting supplies and modeling materials.

Additionally, students may be requested to collect any reusable or recyclable materials (for example: cardboard boxes, cereal boxes, straws, etc.) for model making.

Fee Structure
Scholarships are available to all students in need of financial assistance. Please submit a Statement of Financial Need prior to registering.

- $50 non-refundable deposit fee, includes Supply Kit
- Program Fee is $300- per week/course
- Assuming the student takes all 4-weeks, the total program fee is $1250

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Registration
Interested students should submit the following information:

- Online Registration Form
- Statement of Financial Need (if applicable and submitted prior to registration)
- Upload a copy of high school transcript OR copy of most recent report card
- $50, non-refundable deposit fee

Visit the Architecture & The Built Environment Academy website for more information and FAQs.
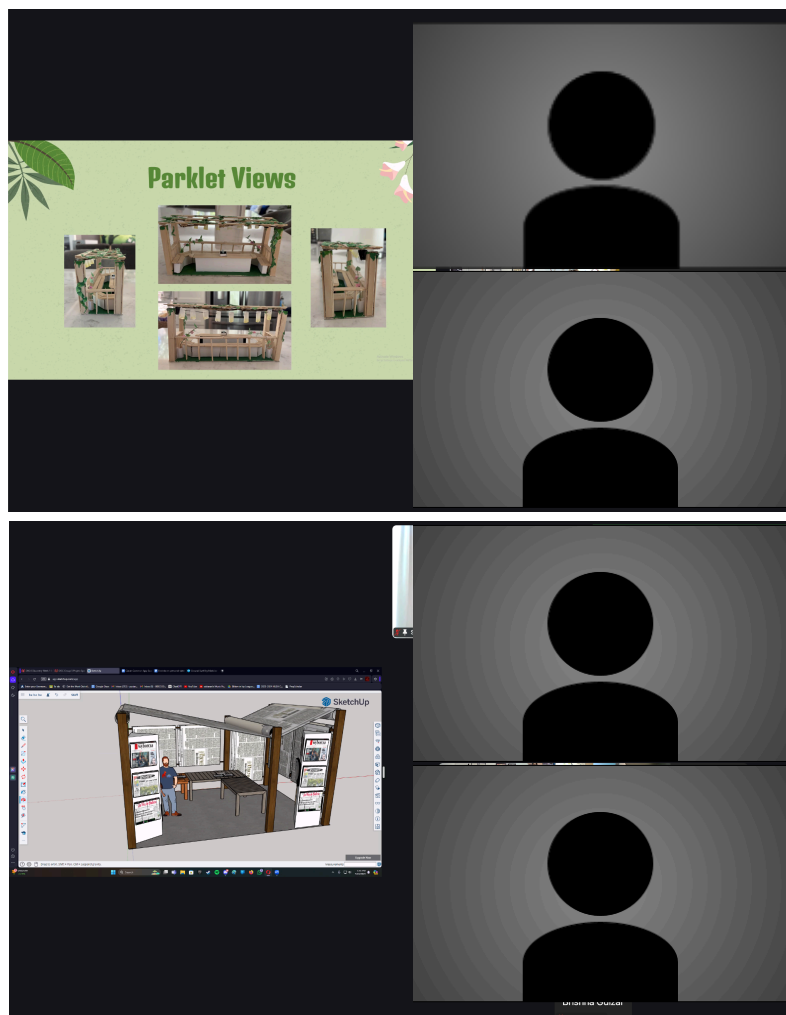
Registration and online payment via Eventbrite:
https://www.eventbrite.com/cc/cabe-academy-116829

Photo: Screenshots of final projects being presented during Career Discovery weeks.

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Course Description

Career Discovery Week: Exploring the Architectural Disciplines (Required)
Faculty: Erike De Veyra, Assoc. AIA, SEED
Prerequisites: None
Meet fellow students, faculty, alumni, professionals, and your mentor. We will be exploring the disciplines through observation, materials, documentation, and presentation. In small groups, you will explore placemaking and designing a 160 square foot temporary parklet for PARK(ing) Day, the worldwide event that raises awareness for more pedestrian-friendly spaces.

Exploration and Design Weeks:

Architecture
Faculty: TBD
Prerequisites: Career Discovery Week
An architect is a skilled professional who plans and designs buildings and generally plays a key role in their construction. You will learn about the architecture profession and are introduced to learning drawing and design skills with an emphasis on expressing ideas through sketching, drawing and model building. The course is a synthesis of fundamental design principles and an introduction to research as a tool for understanding programming and design.

Construction Management
Faculty: TBD
Prerequisites: Career Discovery Week
Construction Managers oversee planning, budgeting, and directing the construction project from conception to completion. Construction managers work closely with other disciplines on commercial, infrastructure, and industrial projects. In this course, students learn about the different aspects of managing the construction of buildings through case studies, they learn about estimating, budgeting and scheduling and the intersecting roles of construction manager, architect, client and general contractor.

Interior Design
Faculty: TBD
Prerequisites: Career Discovery Week
Interior designers make interior spaces functional, safe, and beautiful for almost every type of building. Interior designers work across the whole spectrum of building types: residential, hospitality, institutional, office, healthcare and retail projects. They determine space requirements and select essential and decorative items, such as colors, textures, lighting, and materials. This course introduces students to the fundamentals of interior design. They learn about design methodologies, processes, color theory, and design elements relevant to interior design through sketching, drawing and model building.

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Course Description, *continued*

Landscape Architecture
Faculty: TBD
Prerequisites: Career Discovery Week
Landscape architects design outdoor spaces like parks, gardens, urban squares, playgrounds, and public spaces and have a deep knowledge of plants, soil and ecology. In our course, you will learn to be responsible and creative designers who listen, build trust and advocate for our environment—wildlife and humans alike. Learn a design process that is equitable, inclusive and creative. Design a real-world project and participate in our award-winning Park in a Truck initiative by helping communities in Philadelphia design and built a green community park or garden.

Real Estate Development
Faculty: TBD
Prerequisites: Career Discovery Week
The built environment would not exist without real estate developers. Real estate development is the practice and process of building new spaces and renovating existing ones for a community. A real estate developer plays a primary role in our built environment by leading development projects from an idea, design, financing, construction, and ownership. Typically, real estate developers focus on the financial bottom line of projects--profit. Today's real estate developers must have a broader focus on the "quadruple bottom line" of people, planet, profit, and placemaking. Combining financial feasibility with environmental sustainability, social consciousness, design excellence, and community engagement. This course introduces students to various projects, the process, and the roles of the developer.

On-Campus Studio
Faculty: TBD
Prerequisites: Career Discovery Week
You will be able to take a Deep Dive into the architectural discipline and develop a deeper understanding through a weeklong, hands-on project, sketching and drawing on our East Falls Campus. This in-person, commuter experience will be held daily for five (5) days, 10:00AM to 4:00PM EDT, and will include tours of CABE studio spaces.

For more information, visit the Architecture & The Built Environment Academy website for more information and FAQs.

For other inquiries, contact Academy Program Director Erike De Veyra, Assoc. AIA, SEED, at erike.deveyra@jefferson.edu.