



# SUNY Fashion Institute of Technology Building C<sup>2</sup>

Engineering design services for new building

This project is part of a larger complex of a government-owned facility in New York City, and is an upgrade of existing building systems. This project requires heightened security considerations and meets LEED Platinum requirements.

The project is an extension of the Fashion Institute of Technology Campus and serves as a common area open to students, faculty, and administration staff year-round. A large capacity express escalator intends brings faculty members and students directly from the existing campus to an open, column-free planted garden floor that is bathed in sunlight throughout the winter and shaded from the sun during the summer. The building and its central atrium is shaped to maximize daylight and allow natural ventilation for most of the year. High and low level vents can be opened during cool days and at night to temper the atrium and North Quad garden space.

Building A Lab Renovations covered the existing university spaces for lab use in building A for three floors. All-new lab spaces required new MEP systems. The C<sup>2</sup> Building involved creation of an adjoining multi-level addition to building C. The new addition included additional classrooms, a lobby, and vertical circulation.

AG staff performed electrical design services for the new building and completed up to Design Development Documents for C<sup>2</sup> Building on BIM (Revit) to achieve LEED Platinum.



PLATINUM



**Location:**  
New York, NY

**Owner:**  
SUNY

**Client:**  
SHoP Architects

**Services Provided:**  
Electrical Engineering

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