

CLIENT

**THE HILLIER
GROUP
ARCHITECTS**

LOCATION:

NJIT – Van Houten
Library
Newark, NJ



CONSTRUCTION VALUE:
\$1.5 Million

DESIGN START:
2000

DESIGN COMPLETE:
2001

**CONSTRUCTION
COMPLETE:**
2001

SCOPE OF WORK

Design MEP and other building system upgrades to allow 24-hour faculty and student access to the 81,000 gsf library.

PROJECT DESCRIPTION

The Robert W. Van Houten Library at New Jersey Institute of Technology is located at the entrance to the Newark campus on Central Avenue, and forms the end to the central quadrangle. Symbolically, it is the center of campus academic life. The four-story 81,000 gross square foot building houses the main campus library, admissions offices and the School of Industrial Management.

The building is organized around a two-story entrance lobby and a three-story library atrium. The entrance lobby provides visitor orientation to the library and other functions as well as access to both the library museum and the 24-hour computing center. The library, SIM and admissions are all organized around the atrium which brings light into the heart of the building. The main circulation desk and inter-library loan area are located at the intersection of the entry and atrium. The rest of the ground floor is devoted entirely to library functions, including a rare books area, catalogs, stacks and reading lounge. The second floor houses the admissions offices in a wing that is parallel to Central Avenue; book carrels, library staff offices and stacks occupy the remainder of the floor. The third and fourth floor areas along Central Avenue house the School of Industrial Management. A five-story brick stair tower is on axis with the quadrangle and provides a focus to the main campus entrance and the building itself. The building is organized around a two-story entrance lobby and a three-story library atrium.

A&J Consulting Engineering Services P.C. was assigned to provide MEP renovations to allow 24-hour access to the library. The design elements required electrical distribution, HVAC, fire protection/detection, telecommunications, data/security and energy management/control systems upgrades.