



NAZARETH COLLEGE , ROCHESTER, NEW YORK
Peckham Hall/Integrated Center for Math & Science
Communications Infrastructure Project
(including AV and Security Systems)

Project Description

New construction a 74,000 sq/ft building with four floors devoted to learning space. The building program space includes eight classrooms and laboratory lecture rooms that offer state-of-the-art technology and 20 labs to serve biology, chemistry, physics, math, computing and ecology.

As part of the overall project, AV support was integrated into ten classrooms, 12 labs and one seminar room. One of the key elements of the technology integrated was the need to help prepare the teachers of tomorrow. Each room features an interactive white board and support for modern laptops and imaging equipment, analogous to what is seen in an ever-increasing number of elementary and high school classrooms.

The end users goals needed to be balanced with the college’s standards and five year technology plan.

Challenges

- AV systems coordination with lab equipment and differing presentation and teaching styles by faculty.
- Integrating the technology with architectural constraints was a key aspect to trying to ensure the room remained functional while still being aesthetically pleasing.
- The science labs posed an interesting design challenge of how to incorporate the interactive whiteboard, PC, controls and auxiliary inputs into an area with no usable wall space or dedicated teaching location. Ultimately, all were able to be concealed into the millwork and behind a set of sliding white boards; when not in use they are completely invisible to the end user.

Statistics

Total Program Cost	\$ 30,000,000
Firm Responsibility Cost.	1,000,000
Total AV Project Cost	375,000
Completion Date	2012

Project Contact

Please call 585.424.1952 for references or visit our website for more [project profiles](#).

ARCHI-TECHNOLOGY’S ROLE

Functions

- Budgeting
- Strategic planning
- Design/construction management services

Systems Coordinated

- Exterior conduits and entrance facilities
- Interior cable plant from main campus switch rooms to new Communication Equipment Rooms (CERs) and all associated backbone and horizontal cabling
- Voice and data systems
- Classrooms and laboratory AV systems
- Access control
- Video surveillance



Technology Consultants for the 4th Utility

