

Technically speaking

Newark Science Park High School, Newark, N.J., has a capacity of 1,200 students and features state-of-the-art methods and equipment with accommodation for future technologies, including direct connectivity to Internet2 services. The 250,000-square-foot building also features gigabit Ethernet, high-speed communications ports, wireless educational technology for diverse instructional needs, advanced audiovisual support, and sophisticated security.



Newark Science Park High School, Newark, N.J.
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The network is capable of backbone speeds of 10 gigabits and provides 1-gigabit Ethernet to each desktop. A dedicated network connection will provide direct access to the resources at University Heights Science Park.

This campus partnership network connection will provide access to the resources at the public and private colleges and universities close to the school. Wireless connectivity to more than 1,000 laptops will be provided throughout the building.

Tele/data design services included advanced technology specifications for all computers, servers, e-mail services, video systems and electronic bulletin boards.

Custom-tailored SMART A/V systems were designed to meet the specific needs of the presentation subject matter. Videoconferencing, PDA-integrated experiment stations, and advanced instructional technology applications and controls were used.

The architect for this project is Einhorn Yaffee Prescott A&E, PC (New York City). The engineering design consultant is Professional Systems Engineering, LLC (Philadelphia). ■

Completion: 2006
Project area: 250,000 sq. ft.
Capacity: 1,200