



UNIVERSITY OF HOUSTON - THE RAD CENTER Toronto, Ontario

 **Trinity Consultants** is a leading global consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Within our Built Environment Division, we bring together renowned firms—Cerami, Longman Lindsey, Valcoustics, Jaffe Holden, and WorkingBuildings—under one banner. From cultural landmarks to mission-critical facilities, we deliver innovative solutions in acoustics, technology, commissioning, and operational support, driven by excellence and human-centered design.

## Blending the physical and digital to support hybrid active learning.

At Trinity Consultants, we understand the unique requirements that distinguish educational institutions of all types and sizes. Our designs have supported both historic and modern facilities across all levels of education, delivering environments that enhance learning, collaboration, and well-being. From primary schools to universities, we tailor our approach to meet the specialized needs of each institution.

### Acoustic Considerations

Acoustic design plays a vital role in education. While needs vary by facility, three objectives remain constant: improving speech intelligibility in classrooms and lecture halls, managing noise in specialized spaces such as dining halls and research labs, and preventing the transmission of unwanted noise both within and beyond the building. By meeting these goals, we create environments that allow students and educators to focus, communicate, and thrive.

### Technology and Future-Ready Learning

Technology is now integral to teaching and learning. Our designs ensure that classrooms and lecture halls are equipped with audiovisual and IT systems that support today's requirements while

anticipating tomorrow's innovations. From mobile device interactivity and multimedia presentations to streaming, archiving, and distance learning, we provide resilient, flexible, and standards-compliant infrastructures. These solutions enable institutions to remain adaptable as technology continues to evolve.

### Commissioning Services

Commissioning (CxA) is essential to ensuring educational facilities operate efficiently, reliably, and in compliance with standards. We confirm that HVAC systems maintain required pressure differentials, temperature, humidity, and particulate levels. We verify that utilities such as purified water, clean steam, and compressed air meet rigorous performance and reliability criteria. Our process goes beyond installation, validating that systems function consistently to deliver compliant, long-term performance. In addition, we simulate operational scenarios, test alarms, and refine system sequences to ensure building infrastructure supports both safety and sustainability.

### Sustainability and Wellness

Sustainability is central to our work in education. We are well-versed in LEED® certification criteria and sustainable design principles, ensuring that acoustical priorities such as low ambient noise and effective speech privacy are met while supporting energy efficiency and occupant wellness. Our technology designs also incorporate ENERGY STAR® qualified products, integrated lighting and shading controls, occupancy sensors, and GREENGUARD® certified materials. By combining performance with sustainability, we help institutions create inspiring, adaptable, and environmentally responsible learning spaces.

**Trinity Consultants delivers holistic solutions for education—integrating acoustics, technology, commissioning, and sustainability. Our work creates learning environments that are intelligent, efficient, and future-ready, enabling students and educators to succeed in spaces designed for clarity, comfort, and long-term value.**



## NYU Johnson A. Paulson center

NEW YORK, NY | 735,000 SQFT

The 735,000-square-foot Paulson Center is a state-of-the-art, multi-use campus combining academic spaces, a sports complex, performing arts theaters, instructional rooms, common areas, and housing for students and faculty. What made this massive development incredibly challenging was the rapid progression of technology over the years. It was paramount for us to keep up with the latest equipment and ensure the building infrastructure worked with the technology of today. The building's diverse functions also introduced complex acoustical demands. Our team provided integrated acoustical and technology solutions to create optimal learning and teaching environments for NYU.



## Princeton University Residential Colleges

PRINCETON, NJ | 485,000 SQFT

Our goal in designing the AV, IT, Security and Acoustics at Princeton's new residential colleges was connections: to campus, to athletics, to recreation, to community and to each other. To that end, we designed an almost completely wireless environment, where residents can eat, sleep, study, socialize, work out and work with invisible infrastructure that is always there to support them. The smart security knows who is permitted where and when and is again, invisible. As are the acoustics, which enhance each space and cater to the particular amenity.



## North Carolina State Plant Sciences Building

RALEIGH, NC | 185,000 SQFT

WorkingBuildings commissioned NC State University's \$160 million, 185,000-sq-ft Plant Sciences Building, opened in 2022 as the hub of the Plant Sciences Initiative with the state Department of Agriculture. The facility includes labs, offices, conferencing spaces, growth chambers, and BSL-2P/3P greenhouse labs for multidisciplinary research. Our work covered MEP, life safety, and lab systems, supporting LEED Gold certification by ensuring efficient operation of advanced energy, cooling, lighting, and water recovery systems. The client was fully satisfied with our services.



## Georgetown Day School

WASHINGTON, DC | 155,000 SQFT

Our team helped Georgetown Day School realize its vision for the future through an integrated acoustic, audiovisual, IT and security design. We designed a robust IT infrastructure that support the school's needs, as well as audiovisual systems for conferencing and presentations. Electronic Security Systems were also implemented, which includes electronic access control and video surveillance systems. We also ensured stellar acoustical performance was achieved throughout all areas of the facility. We worked with the design team to make sure that the acoustical concerns such as adequate speech privacy and low noise levels are addressed while simultaneously being able to meet the high-performance demands of sustainability.