



Transforming Your Campus to Build a Better Tomorrow

Comprehensive facility programs that improve operational performance, boost efficiency, and advance long-term institutional goals.

Today's institutions face rising operational costs, tighter budgets, increasing enrollment competition, and growing demands for environmental stewardship, all while managing aging infrastructure and deferred maintenance backlogs. Trane delivers comprehensive building and infrastructure programs trusted across higher education for measurable, high-impact results. Backed by decades of accredited industry experience, we help campuses achieve reliable, validated outcomes through innovative and proven approaches.



Our approach is collaborative by design

Delivering Measurable Results for Your Institution

Through energy efficiency and decarbonization strategies, HVAC modernization, intelligent building automation, renewable energy solutions, and flexible funding pathways, we help institutions cut emissions, reduce operating costs, and strengthen resilience in ways that align with campus priorities.

We begin by listening, understanding your goals, challenges, and constraints. Then we bring together our expertise in energy, sustainability, technology, funding, and regulatory strategies to develop tailored solutions aligned with your mission and built to support your long-term success.

Accredited. Proven. Trusted.

- ✓ NAESCO Energy Services Provider
- ✓ U.S. Department of Energy Qualified Energy Service Company

Integrated Solutions for Colleges & Universities

As a full-service building and infrastructure solutions provider, Trane offers purpose-built programs that accelerate environmental progress, strengthen operational resilience, and elevate the performance of your campus buildings.



High Efficiency HVAC & Decarbonization

Enhance learning environments while lowering costs and supporting sustainability goals through electrification, renewable integration, and demand management upgrades.



Strategic Planning & Advisory Support

Clarify priorities, streamline capital planning, and reduce risk through expert guidance on regulatory compliance, procurement, utility or grid-related opportunities, and long-range infrastructure strategy.



Modernization & Infrastructure Improvements

Improve reliability, reduce operating costs, and extend asset life with comprehensive building upgrades, HVAC optimization and retrofits, and electrification strategies.



Building Automation, AI Optimization, & Intelligent Services

Gain real-time visibility and actionable insights with smart controls, connected and AI-enabled services, and automated building management.



Indoor Air Quality

Solutions that improve indoor air quality and comfort across classrooms, laboratories, residence halls, shared campus spaces, and administrative areas.



Renewable, Resilient, & Distributed Energy Solutions

Boost energy and operational resilience through renewable integration, onsite generation, microgrid capabilities and energy storage solutions.



Funding & Incentives Guidance

Accelerate modernization while protecting budgets by helping to navigate grants, tax and utility incentives, and flexible financing pathways.



Community, Workforce, & Educational Collaborations

Create mission-aligned impact through workforce development, community engagement, and hands-on STEM initiatives that enrich learning, support local economies, and strengthen institutional leadership.

What This Means for Your Campus

Enhanced Learning Conditions

- ✓ **Comfortable, modern environments** that support focus and comfort
- ✓ **Strengthened campus** appeal to prospective students
- ✓ **Fewer disruptions** from temperature, noise, or air quality issues

Strategic Decision Confidence

- ✓ **Clearer** institutional priorities
- ✓ **Reduced** financial, operational, and compliance risk
- ✓ **Stronger alignment** between capital planning and campus goals

Cost Savings and Operational Efficiency

- ✓ **Reduced energy** use and utility costs
- ✓ **Lowered maintenance** and operational expenses
- ✓ **More efficient use** of campus resources

Modernized, Resilient Campus Infrastructure

- ✓ **Extended** facility and equipment life
- ✓ **Reduced downtime** and improved reliability
- ✓ **Greater adaptability** for evolving campus needs

Environmental Leadership

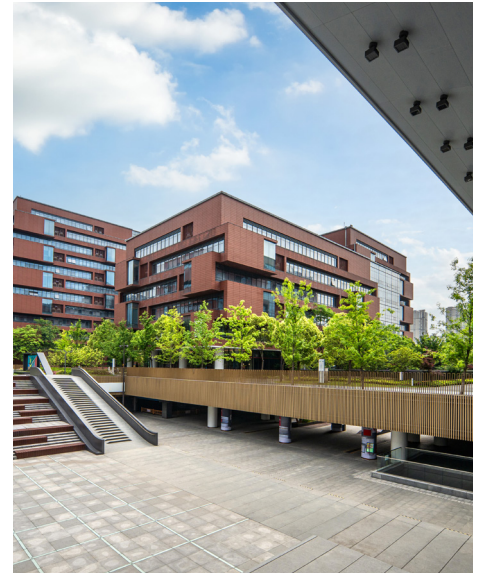
- ✓ **Lower** greenhouse gas emissions
- ✓ **Accelerated progress** towards sustainability goals
- ✓ **Enhanced** environmental reputation and rankings

Funding Optimization

- ✓ **Better alignment** with grants, rebates, and incentives
- ✓ **Potential for budget-neutral** or positive financial outcomes
- ✓ **Freed capital** for additional campus investments

Workforce Development and Career Readiness

- ✓ **Real-world** experiential learning opportunities
- ✓ **Support for STEM education** and industry-recognized pathways
- ✓ **Capstone projects**, micro-internships, and professional connections



U.S. colleges and universities spend an estimated \$6.5 billion on energy annually across 5 billion square feet of campus space — representing one of the sector's largest and most controllable operating costs.¹

¹ [U.S. Department of Energy; U.S. Energy Information Administration](#)

Collaboration in Action



Large Public University

Southeast

With enrollment climbing and a historic 175-year-old campus in need of major upgrades, the university faced mounting pressure to improve efficiency without expanding its utilities budget. A modernization effort across 94 buildings delivered substantial energy and emissions reductions and created a living laboratory that gave students real-world experience in engineering, business, and sustainability.

FINANCIAL IMPACT

Budget-Neutral Upgrade Strategy

SUSTAINABILITY IMPACT

9.2% Annual Energy Reduction

5.7M Pounds CO₂ Savings

EXPERIENCE

Higher Student Engagement and Enrollment

DELIVERED THROUGH

Renewable Integration and Campus-Wide Upgrades



Emporia State University

Midwest

Emporia State University confronted aging facilities, declining enrollment, and mounting maintenance demands that threatened its mission to prepare students for lifelong learning and leadership. A comprehensive modernization effort revitalized campus infrastructure, delivered meaningful energy and operational savings, secured key financial incentives, and significantly improved the daily experience for students and faculty.

FINANCIAL IMPACT

\$10.2M Energy Savings

\$3.2M O&M Savings

\$800K Tax Credit

ASSET ENHANCEMENT

\$10M In Deferred Maintenance Eliminated

EXPERIENCE

Improved Reliability and Comfort

DELIVERED THROUGH

Energy Modernization and Intelligent Services

Collaboration in Action



Northern Illinois University

Upper Midwest

Amid rising energy costs, aging facilities, and increasing pressure to deliver a future-focused student experience, Northern Illinois University needed a financially feasible way to advance its Sustainability and Climate Action Plan and modernize more than 50 campus buildings. Through a budget-neutral modernization effort that leveraged key incentives and deployed technologies, NIU significantly strengthened its efficiency, resilience, and campus environment.

FINANCIAL IMPACT

\$100M In Projected
20-Year Savings

Zero Upfront Capital

SUSTAINABILITY IMPACT

26% Expected Energy
Reduction

EXPERIENCE

**High Student and
Community Engagement**

DELIVERED THROUGH

**Energy Modernization
and Comprehensive Energy
Saving Solutions**

Our end-to-end capabilities simplify your institution's journey, guiding you from strategic planning through implementation and long-term optimization. With tailored solutions that modernize, optimize, and decarbonize your campus buildings, we help align institutional needs into one clear path forward, driving measurable results for your mission, your facilities, and your students.

→ **Together, we can unlock your institution's hidden potential and
Build a Better Tomorrow.**



For more information, visit trane.com/highereducation



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