

Trane creates high performance solutions for your higher learning institution.

The University of Arizona

Challenge:

A combination of outdated piping, logjams and poor communication between systems made it difficult for the university to supply certain campus buildings with chilled water.

Solution:

Installation of a Trane Tracer building control system throughout the campus ethernet (which eliminated extra wiring costs).

Results:

Trane systems provide aggregate savings of \$100,000 per month, with an electricity demand reduction in the magnitude of 2 MW.

Because of this success, Trane was asked to develop a sustainability design curriculum to teach tomorrow's engineers how to apply energy-efficient planning and construction techniques.



Trane optimizes the performance of homes and buildings around the world. A business of Ingersoll Rand, the leader in creating and sustaining safe, comfortable and energy efficient environments, Trane offers a broad portfolio of advanced controls and HVAC systems, comprehensive building services, and parts. For more information, visit www.Trane.com.



Engineering Better Careers. Engineering Better Environments.

*High Performance Solutions for
College and University Campuses*

It takes a business with a 50-year track record to develop high performance, indoor air quality solutions for colleges and universities.

Campuses are comprised of multiple building types including central plants, residence halls, laboratories, technology centers, auditoriums, academic buildings and stadiums. Trane has the experience and expertise designing, installing and maintaining complex HVAC systems that provide an ultimate learning environment.



Through the “Engineering Better Careers. Engineering Better Environments.” program, Trane senior executives collaborate with faculty and administrators to inspire the next generation of HVAC engineers. Trane executives visit campuses in person to share information and insights with students about real world engineering and business issues and the impact that engineering students can have today.

Along with these visits, Trane supports students and faculty by enriching engineering curriculum and creating clubs that encourage hands-on and experiential learning. Trane often offers software and lab equipment at a low and reduced cost; guides classroom curriculum, student projects and clubs; sponsors field trips to sales and manufacturing locations; and offers student internships.

Engineering better energy management strategies

Colleges and universities spend a combined total of \$2 billion each year on energy sources.

Trane has real energy management strategies that colleges and universities can implement for immediate savings. Trane strategies lower construction expenses, reduce energy consumption and control cost of ownership. As an innovative partner in energy management, Trane also offers flexible financing options, such as renewable energy credits and pre-purchase discounts.

Engineering better research laboratories



In college and university laboratories, strict monitoring and control of temperature, humidity, ventilation and lighting are essential. Trane has the systems and equipment designed to meet the specific needs of research environments.

“At Iowa State University, we pride ourselves in connecting students and industry executives, creating an awareness and affiliation for students to engage one on one with exclusive corporate connections that may not otherwise be available.

Working with Trane has enabled our students to grow both personally and professionally, gaining valuable industry experience and expertise through their corporate leadership and guidance.”

Jan Williams, Engineering Corporate Relations and Development, Iowa State University

Engineering better communities through greener buildings



As the world’s leading supplier and manufacturer of indoor comfort solutions, Trane is uniquely positioned to help colleges and universities fine-tune their environmental sustainability strategies and implement alternative energy sources such as geothermal and cogeneration.

Trane employs more than 500 professionals accredited in Leadership in Energy and Environmental Design (LEED) – the highest number in the HVAC industry. Trane is a National Platinum Sponsor of the U.S. Green Building Council and a national sponsor of LEED for Schools – USGBC workshops.



To learn how Trane can help you with your facilities, contact your local Trane office via www.trane.com.