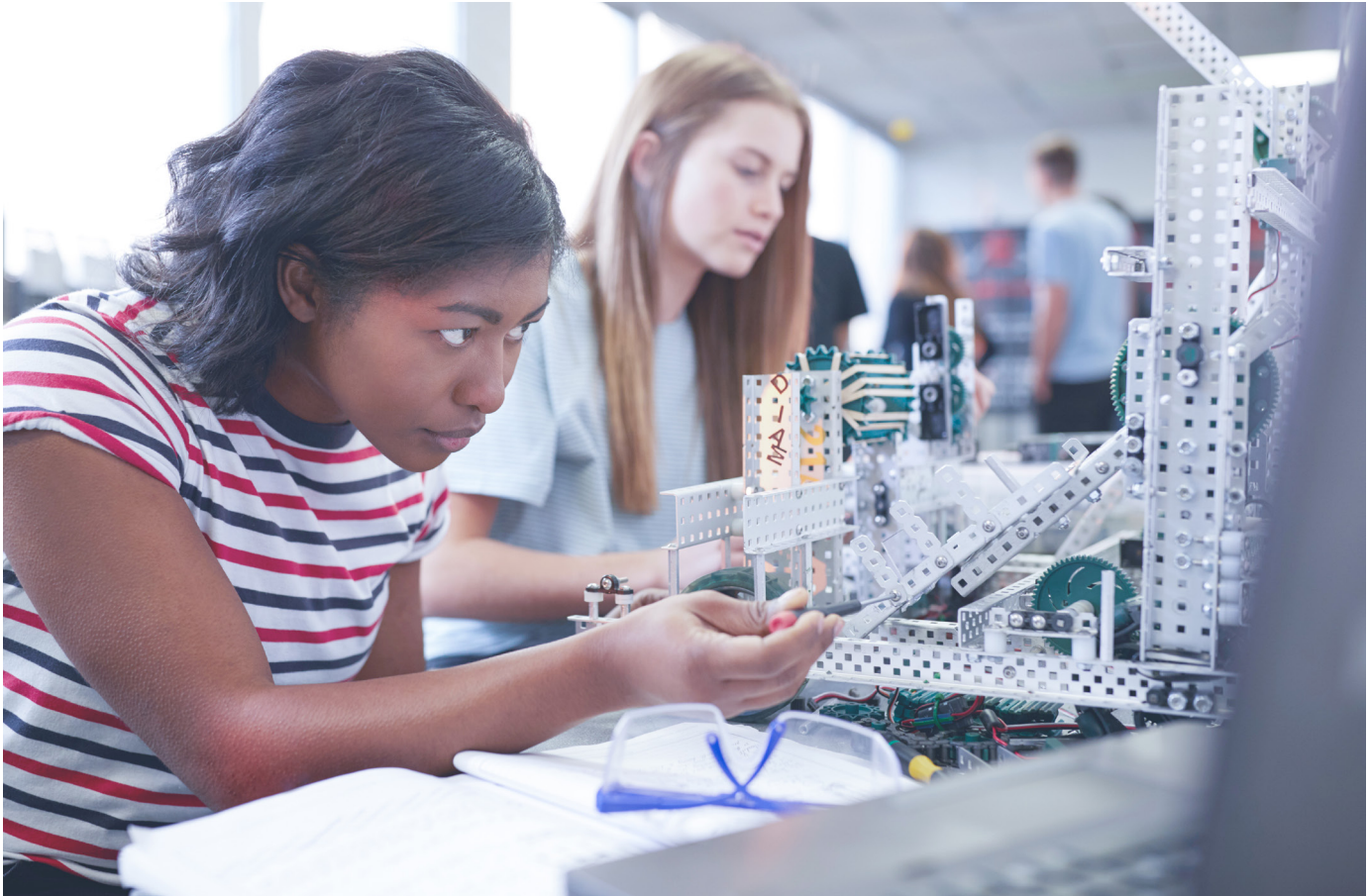


# Connecting Classroom Learning to Careers

Trane's Hands-On Educational Approach



## Empowering the workforce of tomorrow.

Trane's education programs put students first by turning your school's facility into active learning environments. By blending classroom lessons with hands-on, real-world experience, we inspire future professionals and equip students with valuable skills.

### A Guide to Trane's Education Programs

Prepare your students for success by connecting learning with real opportunities— today and for the future.



**Spark interest in energy-related careers through STEM activities**



**Teach energy efficiency and sustainability practices**



**Offer industry related skill certifications to students**

This interactive program delivers hands-on learning experiences in energy efficiency, thoughtfully designed for elementary, middle, and high school levels. Each program empowers students in cultivating critical analytical skills and sparking curiosity. Our program consists of up to 20 1-hour sessions (Grades 4-7) and up to 32 1-hour sessions (Grades 8-10) that integrate seamlessly into existing lesson plans, empowering teachers and enriching student outcomes.



### Core Learning Pillars

- Energy Fundamentals
- Understanding and Managing Energy Usage
- Career Awareness & Exploration
- Understanding The Impact of Energy Choices
- Energy Efficiency in Buildings
- Energy Audits and Performance Analytics



### Benefits

- Designed to Easily Integrate with Existing Curriculum
- Use Only Lessons Needed
- Enhance Student Learning Through STEM Activities
- Strengthen Important Life and Analytical Skills
- Introduces Energy Efficiency Concepts
- Early Exposure to Workforce Roles and Career Pathways



### Key Takeaway

BTU Crew is ideal for elementary, middle and high schools seeking to enrich student learning with hands-on, real-world experiences. By leveraging your own building's data, BTU Crew engages students and transforms everyday classroom lessons into interactive, experiential learning opportunities.

# NC3 – National Coalition of Certification Centers

## High School Level

As a proud industry sponsor of NC3, Trane is committed to bridging the gap between education and industry. Our collaboration equips high school students with industry-related certifications, providing real-world skills and credentials that employers value. This program supports your district's mission to prepare students for successful careers and to position your graduates as industry leaders.



### Certifications Offered

- Generative AI
- Data Analytics
- Decarbonization
- Residential HVAC



### Benefits

- Develop Advanced Technical and Analytical Skills
- Potential Opportunity to Earn Credits Applicable Towards Graduation and Advanced Credentials
- Achieve Industry-Related Certifications in High-Demand Career Fields
- Stay at the Forefront of Technical and Industry Trends



### Key Takeaway

NC3 is ideal for high schools looking to enhance their offerings with industry-aligned certifications and technical education that prepares students for rewarding careers in various sectors.

# Living Learning Labs

Trane leverages state-of-the-art technology to transform your building into a living, learning lab. This approach provides students with real-world experience analyzing energy data and solving complex problems, while maintaining uninterrupted building operations.



## Focus Areas

- Analyze Interval Energy Data From Your Building
- Apply Industry-Leading Data Analysis Software
- Explore Relationships Between Energy Use, Weather, and Occupancy



## Benefits

- Attain Work-Based, Experiential Learning Opportunities
- Build Essential Hands-On Competencies
- Enhance Critical Thinking and Digital Analysis Skills



## Key Takeaway

Ideal for schools eager to unlock the educational value of their buildings- effortlessly and cost-effectively.



Learn more at [trane.com/stem](https://trane.com/stem)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

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EDU-SLB080-EN  
09/16/2025