

APPA-ASHRAE Partnership Leadership in Education

Benchmarking and Assessment of Building Energy Performance

- Senior level course
- Uses Building EQ In Operation rating as framework for the assessment
- Experiential learning opportunity provides hands-on, real world experience for students
- Offers insight on sustainability in the built environment at the micro level
- Leads to understanding of infrastructure and environmental impacts at the macro level, including climate change and resource usage
- Engages ASHRAE engineering professionals to work with Facility Manager professionals, students and faculty

Building Energy Quotient (EQ)

- Two different evaluations that used together can identify the gap between design and occupancy.
- Actional recommendations to improve energy efficiency of your campus buildings.
- Standard and consistent process allows for tracking of improvement over time



"Using Building EQ is a unique way to get support from student groups and others across campus for additional funds to improve our buildings. Some of the energy efficiency measures (EEMs) resulted in eliminating deferred maintenance issues....a classic win/win result! Placing the focus and having the discussion on energy efficiency and carbon footprint reduction made it so much easier to address these issues."

Peter Strazdas, Associate Vice President,
Facilities Management Western Michigan
University

