

ASHRAE's Building EQ Program and Relevant Educational Programs

The Building EQ in Operation assessment provides an energy analysis to benchmark energy performance, actionable recommendations to improve energy performance, and information on a building's Indoor Environmental Quality. Building EQ offers a consistent methodology so buildings can be re-evaluated over time to see if the improvements are getting the expected energy savings and performance results.

A partnership between ASHRAE and APPA: Leadership in Education is bringing ASHRAE's Building Energy Quotient to universities through a senior level course on building energy auditing and analysis: Benchmarking and Assessment of Building Energy Performance. The course uses the Building EQ in Operation rating as a framework to engage students, professors, facilities managers, and ASHRAE professionals as a collaborative team in a project based learning activity that will benefit all parties involved.

Learning Outcomes:

- Understand how Building EQ program applies to building energy use
- Using Building EQ Performance Score to differentiate energy performance in buildings
- Explain the characteristics of Building EQ actionable energy recommendation for existing buildings
- Opportunities to provide experiential learning through a course based on the Building EQ Program
- Review building operations educational programs available through ASHRAE



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Assistant Vice-President (Facilities Management and Planning) at Carleton University, Ottawa, Ontario, Canada. He has worked in the higher education facilities area for more than 40 years, serving at two other universities; the University of Alberta and the University of Western Ontario. He has served in APPA, the Higher Education Facilities Officers Association at the Chapter, Regional, and International levels, as a Regional Meeting General Chair, a member of the Information and Research Committee, and a Body of Knowledge content coordinator for Energy, Utilities and Environmental Stewardship.

Darryl has served as a Vice-President on the ASHRAE Board of Directors and has served as a Director and Regional Chairman, Region II and Director-at-Large. In July 2017 he was elected to the position as ASHRAE Treasurer for 2017-18.

