Cooling Load Calculations / Building Energy Simulation

2 day workshop to help understand & implement the fundamentals of air-conditioning load estimation
Course Description

This course introduces the fundamentals of air-conditioning load estimation and follows on with a comprehensive introduction to building energy simulation using the “eQuest” software application.

Course topics include load estimating methods, rules of thumb data, internal, external and equipment loads, “U” factors, creating a software-based model, building energy simulation.

Note: This course is delivered using I-P units only, the software does not support SI units.

* Delegates should bring their own laptop computers to this course.

Course objectives

On completion of this course delegates will be able to select a suitable method for load estimation, model a basic building in a software application and generate energy simulation data.

Who should attend

This is a recommended course for anyone who designs, owns or operates buildings and / or air conditioning systems, including architects, LEED professionals, end-users, field service technicians, engineers, facilities managers, consulting engineers etc.

Course duration: Two days

Course Rates:
- Founding & Corporate Members: AED 2,500
- Associate Members: AED 3,000
- Non Members: AED 3,500

For additional information, please contact:

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