



# Professional Education Programs

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To solve both our economic and global climate problems we need a skilled workforce that can deliver the potential of energy efficiency and renewable energy to build a clean energy economy.

The Energy Center is training this workforce—we provide professional education programs for building and design professionals, energy efficiency and renewable energy program designers and evaluators, and policymakers to help them reorient their practices to reduce our energy and environmental footprint.

For more than a decade, the Energy Center has developed and delivered award winning professional continuing education programs. A hallmark of our capabilities is the connection between our applied research activities and education program development. Our technology and field research provides a picture of building energy use, the effectiveness of energy technologies and our energy-using behavior. We use the results of our research to craft our professional education programs, grounding them in reality.

Energy Center expertise includes:

- Developing curriculum
- Delivering advanced workshops on high performance building techniques
- Developing and delivering online programs
- Planning green meetings and events
- Marketing programs and events
- Providing continuing education credits to support licensure requirements and professional association membership

The Energy Center draws on a network of faculty, including our staff, with applied experience in building science, energy and renewable energy to develop and deliver our programs. We partner with industry associations such as the American Institute of Architects and the United States Green Building Council to ensure our programs deliver the content professionals need. Our programs stand out in the market because we are rigorous in both program design and delivery, including:

- conducting needs assessment and market research to ensure relevant content and appropriate delivery mechanisms
- designing programs to achieve behavior change, not just deliver information
- applying accelerated learning principles to emphasize in-class application of skills

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## A sampling of Energy Center continuing education programs

### Programs for residential building professionals

Better Buildings: Better Business Conference®

Advanced air sealing and IAQ issues

Windows and walls: what makes them tick

Basic building science for cold climate houses (*online course*)

Mastering infrared thermography (*online course*)

### Programs for commercial building professionals

eQUEST...the QUick Energy Simulation Tool

Demand control: your action plan to savings

Lighting and daylighting design with efficiency

Daylighting in the Midwest: tools and analysis (*online course*)

Impact of passive building design for northern climates (*online course*)

SSL technology and LED lighting: new tools in your toolbox (*online course*)

## Awards

Inspiring Efficiency Award in Education from the Midwest Energy Efficiency Alliance (2011)

Industry Partner Award from Meeting Professionals International-Wisconsin Chapter (2010)

Rich Media Impact Global Reach Award from Sonic Foundry (2010)

Global Paragon Award from Meeting Professionals International (2007)

American Institute of Architects Award of Excellence for Education (1998 and 2002)

International Association of Continuing Education and Training's Exemplar Award (2000)

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- evaluating programs for continuous improvement
- training subject-matter experts to be effective teachers
- enforcing performance standards for instructors
- integrating training technology appropriately
- maintaining high standards of customer service
- offering accreditation to all participants

The Energy Center delivers continuing education programs through Energy Center University, [www.ecw.org/university](http://www.ecw.org/university). Energy Center University and its professional education programs and events are underwritten by the generous support of our sponsors. Sponsor commitment to delivering education programs is essential to ensuring there is a skilled workforce addressing our energy challenges.

More than 3,600 professionals participate in our onsite programs annually and our online offerings have received more than 18,000 views since early 2009. These programs provide participants with continuing education credits to support licensure requirements and professional association membership. The Energy Center is an authorized provider of continuing education through International Association for Continuing Education and Training (IACET), American Institute of Architects (AIA), Illinois Society of Professional Engineers, United States Green Building Council (USGBC) and works with local and state regulatory bodies to secure continuing education accreditation.

