



AEC Daily Corporation
266 Elmwood Avenue, Suite 511
Buffalo, New York 14222 USA
877-566-1199 ext. 84
info@aecdaily.com
AIA/CES Registered Provider
AIA/CES Provider Number J624

Sponsored by:



Jim Lauffenberger

Has successfully completed the course

High Performing Interiors for High Performance Buildings

Course Number: AEC437 (US-EN-43702-1111) on May 24, 2011
Certificate Number: 399093-09735
AIA/CES Learning Units: 1.5 HSW/SD/LU - 1.5 hour program
This course qualifies for HSW

Richard C. Master, AIA

Instructor: Richard C. (Rik) Master, AIA



fbpe
Provider 0004278
Sequence 0000031



COURSE ADDENDUM

Participant's Name: Jim Lauffenberger

Participant's License #: _____

Telephone #: (_____) _____

Date Course Completed: May 24, 2011

Course Title: High Performing Interiors for High Performance Buildings

Course Number: AEC437 (US-EN-43702-1111)

Course Description: Provides an overview of climate change and the sustainability movement, building material selection and material attributes and operational energy.

Learning Objectives: List and discuss the drivers of change or trends that will affect the way we build.

Describe the relationship between recycled content and embodied energy.

Discuss the value of LCA and its limitations.

Discuss the seven contributors to indoor environmental quality.

List the four components that contribute to indoor air quality and distinguish between VOC emissions and VOC content.

Distinguish operational and embodied energies, and discuss the value of and methods for reducing operational energy and the steps you can employ to reduce carbon producing energy consumption.

Number of Course Hours Completed: 1.5 LUs

Name of Course Provider: AEC Daily Corporation

Name of Course Trainer or Educator: Richard C. (Rik) Master, AIA, Sr. Manager, Building Science

Course Trainer/Educator's Telephone #:

Instructor Bio: Richard C. (Rik) Master, AIA, is a Research Architect and currently Sr. Manager, Building Science for the United States Gypsum Company. His responsibilities include architectural technical support, environmental research and documentation. Rik spent 17 years at the USG Research Center as a systems developer. In addition to developing many building systems, he developed and wrote USG ACTION an integrated technical information retrieval software package for the construction professional. Rik is active in several AIA Professional Interest Areas and former Chair of AIA's Specifications and Building Technology PIA, AIA Educational Advisory Committee, Chair & Founder of the Building Envelope Council of Chicago, the 2008 President of the AIA — Chicago, and currently a member of the USGBC's IEQ Technical Advisory Goup (TAG). In addition, he has served on the advisory council to the AIA Initiative for Architectural Research. Prior to joining USG, Rik was a principle in an Architectural firm specializing in Energy Efficient Design and still lives in a 'Passive Design' home he built in 1979 which remains 70% off-the-grid. He is an avid outdoors man (Naturalist) who enjoys motorcycling, horseback riding, and downhill skiing.