

The ABCs of Energy Efficiency

Energy Codes * Energy Design * Building Performance



For Architects, Builders, Code Officials, & Consumers.

CEU courses offered by Paul Rimelspach , ENERGY DESIGNED HOMESSM

2007 Ohio Board of Building Standards Approved Courses for 2008

OBBS: Course # CEU credits Approved for

➤ **Manage Water: Keep It Out & Let It Out**

BBS2007-259 2 hrs BO, MPE, BI, MI, RBO, RPE, RBI

Bulk Water Management - various drain plane requirements and various strategies to keep bulk water out of building assemblies.

Airflow & Vapor Retarder Systems - the hidden means of moisture migration, how to prevent it and how to accommodate it.

➤ **Insulate the Entire Shell – Attic to Footer**

BBS2007-257 2 hrs BO, MPE, BI, MI, RBO, RPE, RBI

Insulation – the holy grail of code compliance - required insulation levels for code compliance.

Insulation as properly installed - the techniques of proper installation to achieve performance

➤ **Ventilate Right & Make Airtight**

BBS2007-260 2 hrs BO, MPE, BI, MI, RBO, RPE, RBI

Ventilate right – a review of the several ventilation strategies - ventilators and the cost of random or added ventilation

Make airtight – a review of air sealing and fresh air sources - building tightness limits

➤ **Code Compliance Models**

BBS2007-258 2 hrs BO, MPE, BI, MI, RBO, RPE, RBI

RECA Guides – the Prescriptive one page fits all approach

REScheck – a computerized trade off worksheet - the use (and misuse) of the most popular compliance tool

REMDesign® - a performance and shell analysis approach - an introduction to the most detailed residential energy assessment tool

➤ **Integrating Building Performance & Energy Codes**

BBS2007-261 8 hrs BO, MPE, BI, MI, RBO, RPE, RBI

The house as a system - This session will combine elements of the other four sessions and focus on performance issues – we may build to code, but does the house work?