



AIA Huron Valley Presents AIA + 2030 Professional Series

The **AIA+2030 Professional Series** helps design professionals create buildings that meet the ambitious energy efficiency goals of the 2030 Challenge. Ten, 4-hour sessions offer strategies to reach 60% reduction in fossil fuel greenhouse gas emissions, giving design professionals the knowledge and leverage to create next-generation, super-efficient buildings—and provide firms with the skills that will set them apart in the marketplace.

Sessions assume participants have an intermediate understanding of the suite of energy efficiency strategies and technologies available to a design professional. Session information is cumulative and aims to provide an overall understanding of specific design strategies and how they can be integrated to provide optimal results. Regional case studies will illustrate concepts and lessons learned. Experts from both academia and active practice will lead the sessions. Participants will be provided tools to take back to their firms to help share and implement the knowledge and skills gained.

2012 SERIES:

February 16

The 2030 Challenge: Setting + Achieving Energy Goals with Integrated Design
VINCE MARTINEZ architecture 2030

February 17

Getting to 60: The Power of Targets + Load Reduction
VINCE MARTINEZ architecture 2030

March 16

Accentuate the Positive: Climate Responsive Design

May 4

Passively Aggressive: Employing Passive Systems for Load Reduction

June 15

Skins: The Importance of the Thermal Envelope

July 13

Illuminating Savings: Daylighting and Integrated Lighting Strategies

August 17

Right-sized: Equipment and Controls for Super-Efficient Building Systems

September 14

Site Power: Renewable Energy Opportunities

October 12

The Hand-Off + Staying in Shape: Operations, Maintenance + Education

November 9

Putting it All Together: Achieving 2030 Goals on the Project and at the Office

WHEN:

1st Session is Thursday 4:45-9:15pm (content starts at 5:15)
Monthly on Fridays from February 17, 2012 through November 9, 2012
Networking and Continental Breakfast at 8:00 am
All Sessions are held from 8:30 am to 12:30pm

LOCATION: Washtenaw Community College
(Morris Lawrence or Gunder Myran building)

COST: 10-session package:
\$300 AIA members
\$390 Non-members
You may register for one or more seats and share the registration among members

REGISTRATION: Registration is for the entire series only. www.aiahv.org

LEARNING UNITS: 40LU/40HSW/40SD for the series (4LU/4HSW/4SD per class).

How are the sessions structured?

Format and goals of the class.

Sessions in the AIA+2030 Professional™ series are intended to be fast-paced and information rich, with the intent of activating the information provided. The Integrated Design Process (IDP) is a theme of this series. Highlighting the synergies and tradeoffs between specific strategies will help keep IDP front and center. Session content is organized to help achieve these objectives. Each four-hour session in the Professional series uses the following format.

Welcome, recap of past sessions, introductions, session overview (15 minutes)

A short recap, sponsor acknowledgment, presenter introductions and session overview.

Technical skills module part I (60 minutes)

This fast-paced introduction to the concepts outlined in each session cover the fundamentals of the design and technology approaches. Descriptions of the approaches are accompanied with ample imagery in the form of schematics, photographs of installed technologies, etc. While focused primarily on existing, time-proven approaches, this module should also highlight new industry approaches and technological innovations, especially promising off-the-shelf but yet-to-mainstream elements, along with any informed predictions on the trajectory of innovation. Deployment of advanced design strategies requires not only technical knowledge, but communication and process skills. This module is meant to also enhance these skills. Presenters will cover both successes and lessons learned.

Break (10 minutes)

Technical skills module part II (30 minutes)

This is a continuation of material covered in the first technical skills module. This can be an opportunity for a change of speakers, or the insertion of a group exercise or participatory mini-session (see “Now try this at work,” below).

Case studies—Local Overlay (60 minutes)

Case studies will be presented by project architects, engineers, or other knowledgeable parties, and ideally will be a regional project that highlights a climate-responsive approach to the topic at hand. Sometimes referencing multiple buildings or a process rather than a building is preferable in terms of advancing learning objectives.

“Now try this at work” (45-50 minutes total)

At appropriate points in the sessions we will insert participatory learning opportunities, either with quick breakout/discussion groups or involved question-and answer periods with the aim of highlighting how the information emerging from the technical presentation and/or the case study can be applied on a project and in the workplace.

Wrap-up, Q+A (15-20 minutes)

The final 15 minutes of the session allow time to answer questions from the group, and give time to describe upcoming sessions and how they relate to what was learned in the current session.

AIA HV is looking for individuals and firms to contribute to the presentations and case studies!

Contact: Jan Culbertson jculbertson@a3c.com