

# ABAA: Education for Design Professionals

## Is your association looking for good, solid educational content for your members? If so, ABAA can help!

The Air Barrier Association of America (ABAA) is the center of excellence in the air barrier industry. The association is a non-profit group of stakeholders in the construction marketplace, focused on promoting the use and benefits of air barrier systems, educating the public about air barrier systems and developing a professional air barrier specialty trade and industry dedicated to the installation of effective air barrier systems in buildings on a nationwide scale.

To help accomplish our goals, ABAA offers educational programs to interested associations and firms. We offer 3 basic program delivery approaches to choose from:

- a) Lunch and Learn presentations for a quick, but informative education event
- b) 1/2 day or similar workshops for more in depth education and discussions
- c) Full day or similar workshops for the most value including more interactive and detailed sessions.

We would be happy to work with you in order to provide the greatest possible educational session. Alternatively, if you know which presentation and format you would like, please fill out and email/fax our Presentation Request Form to the ABAA office and we can get started.

We look forward to working with you!



### Level, Type & Length of Presentation

In order to select the best and most appropriate content, type, and length of resentation for your audience, please consider the following:

**What level of understanding does the potential audience have?**

**What length of presentation would be most appropriate for your audience?**

Lunch & Learn, Half Day Presentation, Full Day Presentation

**What type of presentation would be most appropriate? (types can be combined)**

Lecture, Interaction, Practical, Case Studies

air barrier  
**abaa**  
association of  
america



For more information on ABAA presentations and presenters, please visit us on the web or contact us:  
Web: [www.airbarrier.org](http://www.airbarrier.org) | Email: [info@airbarrier.org](mailto:info@airbarrier.org) | Toll Free: 866-956-5888

## ABAA Presentations

### Building Science - 1 LU/HSW Credit

Review the “Building As a System” concept and what makes up the building enclosure. Explain moisture flow, air flow and heat flow and the various mechanisms in which they move through the building enclosure.

### Intro to Air Barriers - 1 LU/HSW Credit

Understand Air Barriers in relation to the building enclosure system and how they fit within the wall assembly. Review of key performance requirements and definitions of Air Barrier materials, assemblies and systems. Understand recent changes in building code requirements and gain knowledge in market forces driving energy efficient buildings

### Air Barrier Materials - 1 LU/HSW Credit

A descriptive course providing the principal requirements of a Wall Assembly and what the assembly must accomplish in a prioritized order. Review of air barrier definitions and the typical physical properties of a wide variety of air barrier materials on the market.

### Basic Air Barrier Material Requirements - 1 LU/HSW Credit

Review of air barrier materials, components and assemblies. Detailed review of commercially available air barrier materials such as; self-adhered membranes, liquid Membranes (trowel and spray), sprayed polyurethane foam, board stock (exterior drywall, XPS) and commercial building wrap and how these materials are code compliant.

### Design Considerations for Air Barriers - 1 LU/HSW Credit

Identify all the general design considerations when incorporating an air barrier into building design. Understand the air pressures on a building and relate to the types of leaks that can occur in an enclosure system. Gain knowledge of Basic Details for continuity of the system.

### Air Barrier Fundamentals and Design Considerations – 1.5 LU/HSW Credit

Understand Air Barriers in relation to the building enclosure: controlling air leakage, performance requirements of Air Barrier materials, assemblies and systems, design and installation issues and code requirements.

### General Field Installation Requirements - 1 LU/HSW Credit

Review sub-trade qualifications and items to be reviewed prior to the installation of the air barrier. Identify common field related issues and review of common air barrier materials installation requirements, along with quality control measures to verify performance.

### ABAA Quality Assurance Program - 1 LU/HSW Credit

The QAP ties the manufacturer, the contractor and the installer together to ensure that the products are installed properly. It is based on ISO 9000 and ISO 12576-2. A review of the key components of the quality assurance program for air barriers.

### Effective Use of Water-Resistive Barriers and Air Barrier Building Wraps - 1 LU/HSW Credit

Gain an understanding of housewraps and their primary functions as well as air barrier building wraps, including testing, installation and code compliance.

