



# Moisture Control Fundamentals

## AIA CES Course

### Building Enclosure Control Fundamentals – Part 1 of 3

AIA CES Course Number: CDP105 · AIA CES Provider Number: K203 · 1 Hour / 1 Learning Unit

#### Course Description

Use of insulation along with other differences in building materials and assemblies are changing the nature of moisture risks in building enclosures in today's building, relative to historic construction. Underlying moisture physics and management strategies will be presented in this course to explain these changes and address them in high performance buildings. The strategies are applied in modern building enclosure detailing, providing solutions to designers for complex challenges.

#### Learning Objectives

**At the end of this course, participants will be able to:**

1. Understand the changes that have been made over time to building enclosure assemblies which have changed the nature of moisture-related issues.
2. Understand the building science behind moisture control for enclosures.
3. Make informed decisions about the appropriate rain control and vapor control strategies for wall assemblies.
4. Apply effective moisture management strategies to building enclosure details.



Credit(s) earned on completion of this course will be reported to AIA CES for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon request. This course is registered with AIA CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product.