

# RRC Review & Update

## Course information

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### Course Description

This one-day course covers a review of wind design for roofs, including ASCE 7 and FM Global requirements; thermal calculations; CSI changes; green-roofing principles; and roof asset management (RAM) calculations. This course provides an in-depth review of the technical calculations needed to become certified as an RRC or Registered Roof Consultant. An RRC is knowledgeable of every facet of the roof construction process and serves as the building owner™ councilor for matters pertaining to both existing and new construction.

### Knowledge Level:

Intermediate

### Recommended Prerequisites: N/A

### Learning Objectives

1. The learner will understand FM Global procedures for determining roof membrane uplift pressures.
2. The learner will explore the specific aspects of thermal and moisture performance with an introduction to green roof vegetation and soil considerations.
3. The learner practice of calculating wind uplift forces on roof membranes using ASCE 7-10. This will apply to buildings of different types and in different locations in the country, including hurricane-prone regions.
4. The learner will calculate the thermal performance of roofing systems to meet code and to provide good investment decisions for their clients and make good decisions concerning mold, both in correcting mold problems and in avoiding mold litigation.

### Continuing Education Logos and Statements



**This course has been approved for 8.0 IIBEC Continuing Education Hours**

**This course has been approved for 8.0 AIA LU|HSW**

**AIA Course Number:** RRCRU\_L23

#### **AIA CES Provider statement**

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#### **Course Components**

In addition to the course presentations, registrants are provided access to the virtual course materials in LearnUpon- IIBEC's Online Learning Platform- providing access to the following:

- Notetaking Outline: A notetaking outline is available in LearnUpon for registrants to download prior to the start of the course.
- Course Evaluation & Attestation Survey: Available at the conclusion of the course.
- Certificate of Completion: After completing the course evaluation survey, registrants are able to download a Certificate of Completion.