



**“IIBEC Florida Educational Program”- 16 RCI CEH Credits**  
**“AIA Health Safety and Welfare Credit”- 16 Learning Units**

# Roof Technology and Science 1

**January 23 & 24, 2020** ○ Fairfield Inn & Suites Orlando

This two-day course is a first component of a two-part series covering, in detail, aspects of the technology and science of roofing. It covers the history and evolution of roofing up to present-day common applications. It features terminology and technical information regarding roof decks and structures, roof insulation, bitumen membranes, built-up and modified bitumen membranes and flashing systems. An understanding of heat transfer theory, moisture, thermal design, and the calculation of U-factors will also be presented.

Highlights of the program include:

- Critical aspects of roof decking and related supporting structures.
- Heat transfer and practical heat transfer calculations.
- The function of heat transfer and the different types of roof insulation.
- Technology behind roofing bitumen’s & related BUR and MB membranes.
- Basic flashing nomenclature and bituminous flashing system construction.

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Fairfield Inn & Suites  
 8214 Universal Blvd.  
 Orlando, FL, 33819  
 407-581-9001  
 Room Rate \$139.00  
 Group Name:  
 IIBEC-Florida  
 Available on limited  
 basis.

**Cut-off Date:**  
**December 22,**  
**2019**

Name: \_\_\_\_\_

**Select your registration:**

IIBEC Member: \$525.00 Address: \_\_\_\_\_

Nonmember: \$675.00 City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

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**Amount Enclosed:**  
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**Two Methods to Register and Pay**

**Online Registration and Payment:** Log onto [www.rciflorida.org](http://www.rciflorida.org) to Register and pay by PayPal.

**OR**

**By Check:** (Payable to RCI – Florida – US funds only) Mail this completed form and check to:  
 IIBEC – Florida Chapter, c/o Dawn Holsinger  
 204 37<sup>th</sup> Ave. North, Suite 352, St. Petersburg, FL, 33704.

No refund or credit will be granted for cancellation requests received less than 7 calendar days prior to the event. Returned Check Fee: \$25.00