



## AIA/CES REGISTERED PROVIDER COURSE SUMMARY

<b>Provider:</b>	C.R. Laurence Co., Inc.	<b>Length:</b>	1 hour
<b>Course #:</b>	CRLTHERMF2F	<b>Credits:</b>	1 LU Hour
<b>Course Title:</b>	Optimizing Thermal Performance	<b>HSW:</b>	Yes

### Description:

This course takes an in-depth look into building envelope performance and explains how energy performance ratings are advancing aluminum fenestration systems. This presentation explores product technologies and design practices used to mitigate energy transfer in architectural glazing systems.

### Learning Objectives:

#### 1. Importance of System Performance Ratings

Course participants will understand the importance of system performance ratings and standards, including key specification terminology, the benefits of energy standards and conversely, the limitations of energy codes.

#### 2. Performance Characteristics of Aluminum

Participants will be able to recognize and identify the key performance characteristics of aluminum glazing systems.

#### 3. Technologies & Components that Improve Thermal Performance

Attendees will have a sound understanding to the technologies of individual components that improve thermal performance and energy efficiency in complete glazing systems.

#### 4. NFRC Overview

By the end of this presentation, participants will understand the National Fenestration Rating Council's (NFRC) role in the evolution of energy code compliant systems.

### A/V Needs:

Electrical power, screen and computer projector for the PowerPoint presentation. (The CES facilitator supplies the laptop and laser pointer.)

### Target Audience:

Architects, specifiers, interior designers, owners and other design professionals. The ideal audience size can be 10-40 people. This program is basic and meets the needs of professionals at every experience level.

### Facilitator Qualifications:

All of C.R. Laurence Company's CES facilitators have been trained on CES guidelines and presentation skills. Additionally, C.R. Laurence personnel have extensive knowledge of architectural products and years of experience working with designers and architects. Our qualified presenters are industry veterans in the product types they represent and the markets they serve, with CSI and CDT certifications.

### Costs:

There is no cost to bring this program into your firm or chapter meeting.

### For More Information Contact:

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