

# The American Institute of Architects Continuing Education System

## AIA/CES Registered Provider Program Summary

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<b>Provider:</b> National Glass Association	<b>Length:</b> 1 hour
<b>Program #:</b> NGA1620_L	<b>Credits:</b> 1 LU
<b>Program:</b> Reflected Solar Energy of Glazing Systems in Buildings	<b>HSW/Sustainability:</b> No

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**Description:** This course is designed to educate architects about the impacts of solar energy as it's reflected off buildings. It will offer design considerations to reduce the possible effects of the reflective characteristics of exterior cladding materials and glazing systems. Environmental, architectural and material elements will be discussed with regard to how each impacts reflectivity levels.

### Learning Objectives:

- Identify the impacts of solar energy reflected off buildings
- List at least three environmental considerations that can reduce reflectivity
- List at least three architectural features that impact reflectivity
- Describe design considerations to reduce effects of solar energy on exterior materials and systems
- Compare environmental, architectural and material elements, and their respective impacts on reflectivity levels
- Discuss additional glazing considerations that can influence reflectivity

**A/V Needs:** Electrical power, screen and computer projector for the PowerPoint presentation. The CES facilitator supplies the laptop and laser pointer.

**How Taught:** The CES facilitator utilizes a PowerPoint presentation to offer a live presentation, allowing time for Q&A with the participants.

**Target Audience:** Architects, specifiers, owners and other design professionals in the commercial market. The ideal audience size can be one on one or over 50. The program meets every experience level with time designed into the program for questions and answers.

**Facilitator Qualifications:** All NGA CES facilitators have signed the AIA speaker agreement. In addition, the facilitators are individuals working within the commercial architectural glass industry at member companies of the Association.

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