



# The American Institute of Architects Continuing Education Systems

## AIA/CES Registered Provider Program Summary Handout

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**Provider:** Metal Sales Manufacturing Corp.

**Length:** 1 hour

**Program #:** MSMC05

**Credits:** 1 LU hour

**Program:** Retrofit Roof Replacement Systems

**HSW:** Yes

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**Description:** This course will examine the use of metal roof systems in a building envelope retrofit when a roof replacement is necessary. It will cover typical applications for metal roof systems during a building renovation or re-purpose, identify key design considerations to address existing building characteristics and provide pointers for panel selection. Also highlighted are renewable energy options to consider and the overall sustainable benefits of metal roofing for existing buildings.

**Learning Objectives:** After completion of this course, participants will be able to:

- Discover the advantages of metal roofing compared to conventional re-roofing materials
- Gain an understanding of benefits provided to building owner
- Learn about various retrofit framing applications
- Understand design considerations and how to specify the appropriate new metal roof
- Explore planning considerations for energy related upgrades including renewable energy options during a roof replacement

**How Taught:** The CES facilitator utilizes a PowerPoint presentation to provide an overview of sustainability of metal roof panels. It will be an interactive session that encourages feedback and questions to help reinforce the learning objectives. The program concludes with a review of the objectives and time for additional questions.

**A/V Needs:** Electrical power, projector and screen for the PowerPoint slide presentation. The CES facilitator will supply the laptop.

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

**Facilitator Qualifications:** All Metal Sales' CES facilitators have been trained on CES guidelines and presentation skills. In addition, they receive ongoing training in the field and are considered industry experts.

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

For more information contact your local Metal Sales branch.

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