



# **ATAS International, Inc.**

## **Sustainable Building Envelope Technology**

AIA/CES Program ATA010 Provider # J447  
1 LU Sustainable Design (Health, Safety & Welfare)  
GBCI 1 General CE Hour #920001083

### **Sustainable Building Envelopes** **Green Building with Metal**

- ✓ Understand how metal cladding on roofs and walls can contribute to a sustainable building initiative
- ✓ Understand the concept and technology of a building integrated photovoltaic system and how the photovoltaic laminate uses sunlight to generate electricity
- ✓ Understand the combination of solar reflectance and thermal emittance of cool metal roofing, the concepts of above sheathing ventilation and the requirements for Energy Star qualified roof products. View the results of a case study of a building that lowered energy costs by using a cool roof.
- ✓ Understand the function of a transpired solar collector, benefits during the heating and cooling season's, effects of wall orientation and view the results from a case study.

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