



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Retrofit & Restoration Design Solutions - North
America
Thursday, September 07, 2023



12:00 PM [Welcome, Credits, and Certificates](#)

12:05 PM **Reviving the Lost Art of Moldings**

This course examines historic moldings to appreciate the genius behind their design and application. It will explore the reality of modern wood resources and the direct relationship with Today's manufacturing process, as well as the use of historic moldings in Today's real world applications.

Dave Rogers
WindsorONE Provider #: T109
AIA #:LostArt2020HSW HSW

01:05 PM [Review of Session Code Process](#)

01:10 PM **Today's Radiator: Historic Integrity Paired With Optimal Heating Performance**

For architects, purposeful materials selection is a priority in any design. For restorations and renovations, product selection means more. Designers who re-use the building's existing materials not only preserve historic beauty but also reduce the embodied carbon of the building. On a rare occasion, a re-used product can deliver even more. This course features that one product – the cast-iron radiator. Of course, we'll discuss the history and beauty of the radiator. Most importantly, we'll talk about how a century-old product can deliver a modern, energy-efficient heating system with less environmental impact than other options.

Jason Savage
Ecorad Provider #: 10024755
AIA #:RadRestore HSW | GBCI (USGBC/CAGBC) #:920028035

02:10 PM [Break](#)

02:20 PM **Continuous Insulation vs. Cavity Insulation**

This course will review an in-depth breakdown of the current uses of insulation in wall assemblies. The attendees will learn more about the differences in the use of cavity insulation versus the use of continuous insulation installed on the exterior of the building sheathing. Discussion points to include the changes of the current energy codes and the requirements for the use of continuous insulation in the majority of future projects. The participant will be able to better evaluate their current wall assemblies and understand the requirements that are dictated by current codes.

Lee Bybee
Ox Engineered Products Provider #: 40107972
AIA #:OXAIA203 HSW | GBCI (USGBC/CAGBC) #:920022248

03:20 PM

Introduction to Existing Building Retrofits

This program introduces building retrofits as a method to achieve green building standards by adapting existing structures. While a building retrofit may have several types of interventions, participants will learn how effective air sealing will improve overall occupant comfort, health, and safety. This includes a detailed look at sources of air leakage and the various methods to address this infiltration. Several real-world examples will demonstrate the importance of identifying source of air leakage, investigating existing conditions, and proper detailing.

Guy Long
Prosoco Provider #: J388
AIA #:PRO036 HSW

04:20 PM

End



AIA
Continuing
Education
Provider