



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Hot Topic - Acoustic and Sound Control Design
Solutions - Mountain Time Zone
Tuesday, May 18, 2021



08:00 AM [Welcome, Credits, and Certificates](#)

08:10 AM **Architectural Acoustics**

Architectural acoustics are a key design consideration for every high-performing building. This course will cover the following topics:
Sound basics, Noise control strategies, Transmission, Absorption & Applications

Jeffrey Job

Jeff has over fifteen years of experience consulting with AEC professionals in various capacities including project management, scope/specification analysis, and product development. Jeff holds master's degrees in Business Administration and Urban Planning from the University of Colorado. In his current role, Jeff leads the specification efforts for Johns Manville's Building Insulation group.

Johns Manville Provider #: K022

AIA #:0200-2019 HSW

09:10 AM **21st Century 3D Acoustics 1.5hrs**

This course discusses the difference between NRC and STC as well as absorption, diffusion, and reflection and how it relates to echo and reverberation and speech intelligibility in architectural spaces and the importance of using the 3D design concept to maximize the acoustical performance of their room.

Jay Perdue

Perdue Acoustics Provider #: 40107193

AIA #:Acoustic3D002 HSW

10:40 AM [Break](#)

10:50 AM **Acoustic Door Assemblies and Their Role in Sound Control**

Sound control is a critical element to a building's design. How an occupant will use the space must be understood in order to deliver a healthy and functional environment free of noise. Is speech privacy important? Is this a learning environment? Does the office open to a manufacturing floor? We all think of the walls, ceiling, and floor when discussing sound attenuation. But we must not overlook the importance of an acoustic-door assembly. Without the proper acoustic door, the sound-control goals in an acoustic plan may not be met. This course will review healthy sound levels and how to test and identify target STC ratings. We'll discuss the elements of the acoustic-door assembly and how the assembly addresses fire-ratings and ADA compliance, contributes to LEED certification and green building, and provides security for classified files and electronic data.

Steve Peterman

Ambico Ltd. Provider #: J834

AIA #:AAD001 HSW | GBCI (USGBC/CAGBC) #:920024242

11:50 AM [Lunch](#)

12:30 PM

Sound Control In Construction

In this one-hour course, design professionals will gain practical knowledge of sound control and the many healthy and safety benefits it has for architects, builders, and occupants. It will discuss building code criteria and guidelines, including strategies to meet these requirements through various methods. By the end of this course, design professionals will be able to evaluate different sound control strategies and specify ones that best fit each project's needs.

Paul Volkoff

Homasote Provider #: J582

AIA #:soundatten21 HSW | GBCI (USGBC/CAGBC) #:920007666

01:30 PM

End



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