



Sound Abatement and Noise Control Using Concrete Masonry

PROVIDER NUMBER

J113

COURSE NUMBER

C203A

LENGTH - CREDIT

1 Hour - 1LU /HSW

COST

There is no cost to attend this CEU course

DELIVERY METHOD

Interactive PowerPoint Presentation / Face to Face

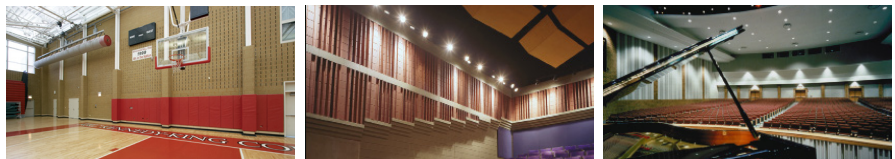
CONTACT

Jack Kennedy, CCCM

Cell: 717.885.3190

Email: jkennedy@yorkbuilding.com

Web: www.yorkbuilding.com



COURSE DESCRIPTION

This presentation introduces the concepts of mitigating unwanted noise using concrete masonry assemblies and systems. Topics covered include a basic review of sound and noise, what requirements are mandated by building codes to address sound control, how to determine the sound transmission class and inside-outside transmission classification of building assemblies, noise reduction coefficients, and proper methods of detailing concrete masonry systems to maximize its effectiveness as a sound barrier.

LEARNING OBJECTIVES

1. Recognize historical beginnings and development of suppressing noise within hard surface environments to improve occupant comfort.
2. Describe the working dynamics of volume resonators.
3. Compare technology, applications, and methods of volume resonators.
4. Identify specific benefits and advantages of Acoustical Concrete Masonry Units.
5. Apply design and construction practices to these masonry units.