

[IMAGE]

## **Sound Transmission and ASTC Ratings**

**Description:** Excessive sound can negatively impact the health and well-being of occupants. This has resulted in a growing trend to improve the acoustical performance of building assemblies. Due to this, there have been significant changes in the 2015 National Building Code of Canada (NBC) moving from sound transmission class (STC) to apparent sound transmission class (ASTC) ratings that reflect assemblies that provide increased levels of acoustical performance. The course will explore how laboratory acoustical testing is performed, the principles of sound control, the different methods of sound transmission within buildings (airborne, impact, and flanking), and how to meet the 2015 NBC requirements for ASTC ratings.

**HSW:**No

**Duration:** 1.0 hour(s)

**Format:** PDF