

ACOUSTICS AND EDUCATIONAL PEDAGOGY

The Synergy Between

COURSE DESCRIPTION

Undesirable acoustics in educational spaces have long been considered averse to our goals to effectively teach, create, collaborate, listen, and learn. The impact on students' academic achievement, social adaptation and mental health can be vast and long lasting. In this class we will examine impact of different sound problems and how introduce solutions to mitigate them.

Learn about solutions that create synergy between the architecture and the classroom environment to optimize student learning, student recruitment, and teacher retention.

COURSE OBJECTIVES

- Understand basic classroom acoustics
- Identify the factors that affect our acoustic experience in a space and explain why noise distracts us and impacts our health, behavior, comfort, and emotions
- Understand the impact of sound on productivity, creativity, educational performance
- Pedagogical changes in the environment
- Identify corrective actions to improve a soundscape, including sound-absorbing materials and diffusion, geometry, ratio mix and placement.
- Identify supporting classroom environment changes that improve educational performance

Course: CEU-HSW, AIA, IDCEC, 1 Credit

Instructors:

Sue Ann Highland, PhD
Industrial/Organizational Psychologist
National Education Strategist
School Specialty

Slavka Younger Nightingale
Co-Founder, VP
National Acoustical Educator
Frasch, Inc.

fräsch!

