



Course Title: The Essentials of Acoustical Design **Course #:** OWA0120

Provider Name: OWA USA Corporation **Provider #:** 404109209

Length: 1 Hour **Credits:** One (1) AIA/CES LU | HSW

Course Description: When designing a new facility, it is imperative that the project requirements are met, and the owner's investment is protected. Designing a facility that promotes productivity, health and well-being for its occupants is a key strategy to meet these needs. Acoustics and noise control, sometimes overlooked factors in the building design, are crucial in maintaining a healthy and productive working environment, long after the construction phase is complete. In this course, you will learn the importance of noise control in various facilities, and how to optimize the acoustical design of your project through building materials and room layouts to promote health, safety and well-being.

Learning Objectives:

- Discover the impact of acoustics and design on well-being and productivity
- Understanding of sound and how sound travels
- Understanding of reverberation time and sound absorption with regards to room acoustics
- Identify how sound pressure is measured and controlled in building acoustics
- To understand acoustics of ceiling canopies in open-space areas

Delivery Method: CEU course is to be delivered live face-to-face or live online.

Other Credits Available: Certificates of completion will be sent out after completing course. Interior designers, depending upon their organization, may be able to self-report credits using their AIA Certificate.

Course Level: Introductory

Provider Description: Odenwald Faserplattenwerk GmbH, or OWA, is a German manufacturer of mineral fiber, acoustical ceiling solutions. Based just outside the Odenwald Mountain Range in Amorbach, Germany, OWA has been manufacturing our own mineral wool technology for over 50 years, establishing themselves as the #1 market leader in Germany. At OWA, we pride ourselves on offering a complete product line, ranging from the premium, high quality acoustical ceiling tiles in our OWAlifetime collection, to the globally innovative, open-space systems in our OWAconsult collection. With a focus on acoustics and a premium on design, OWA delivers products pleasing to the eyes and ears.