



The Lightning Safety Alliance

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Lightningsafetyalliance.org

Registered Provider Program Summary

Program #: LSA101 **Length:** 1 Hour

Credits: 1 AIA Learning Unit
.1 CSI CEU

Program: Lightning Protection 101

HSW: Yes

Description: A review of proper lightning protection system design and application as conforms to UL and NFPA lightning protection requirements.

A/V Needs: Electrical power and a screen. The instructor supplies a laptop and projector.

Learning Objectives: Participants will gain a general understanding of how lightning protection systems work including the five essential elements of effective lightning protection systems. At the end of the program participants will be aware of the considerations that should be made during project planning to specify effective, attractive and low-maintenance lightning protection systems for all types of structures.

Target Audience: Architects, engineers, owners and other design professionals involved with commercial, industrial and/or residential markets. The ideal audience can range from one to over 50 participants. The program meets every experience level and encourages questions and answers.

How taught: LSA instructors use a PowerPoint presentation to provide an in-depth overview of:

Instructor Qualifications: Lightning Safety Alliance instructors are trained on AIA and CSI guidelines and presentation skills. They are actively involved in the lightning protection industry with extensive experience in lightning protection system design, installation and standards interpretation

Costs: There is no cost to bring this program to a firm or organization chapter.

- the risks lightning poses to unprotected buildings
- the five essential elements to a proper lightning protection system
- the standards that lightning protection systems should meet
- non-conventional methods of lightning protection
- considerations to take into account when designing lightning protection

LSA instructors encourage questions and discussion throughout the presentation to ensure that participants gain an in depth understanding of lightning protection.

