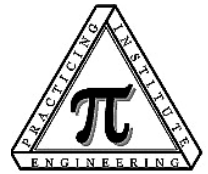




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# ATLANTIC TESTING LABORATORIES Online Seminars



ATL now offers online webinars making our current offering of technical seminars available to our current and potential clients. The seminars are intended to provide participants with an understanding of technical topics that will assist them with their project needs.

## Concrete Petrography

This presentation describes the utility of petrographic analysis to help determine why concrete fails (ASR, ACR, freeze/thaw, etc.) and to describe basic aspects of the concrete including water/cement ratio and hydration of the paste, aggregates, air, presence of deleterious materials, etc. **(1 PDH)**

## Air Void Systematics of Hardened Concrete

This presentation describes the air voids and the air void system structure in hardened concrete, and explains how it affects the strength and durability of concrete. **(1 PDH)**

## Introduction to Concrete Nondestructive Test (NDT) Methods

This presentation is an introduction to concrete NDT methods. Different NDT methods outlined in ACI 228.2, *Report on Nondestructive Test Methods for Evaluation of Concrete Structures*, will be presented and discussed, focusing on the more popular stress wave methods, such as impact echo, sonic/ultrasonic echo, impulse response, and ultrasonic pulse velocity. **(1 PDH)**

## Geology for Engineers: Geologic Hazards I and II

These presentations provide geologic insight into some of the most common engineering hazards (shrink/swell soils, toxic soils, faults, liquefaction, karst, rock properties, rivers, and floods) associated with Earth materials, events, and processes, and how to identify and prepare for them. **(1 PDH each)**

*Seminars are approved for one Professional Development Hour (PDH) for PEs in attendance. For architects, we issue a certificate of course completion to be processed with the American Institute of Architects (AIA) structured self-reported paperwork for architects to receive a learning unit (LU). All seminars are accredited and accepted for NYS license requirements.*

**For upcoming presentations go to News and Events at [AtlanticTesting.com](http://AtlanticTesting.com).  
To schedule a virtual seminar for your office, contact Zach Short.**

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