



ATL Releases Winter 2022 Webinar Schedule

Atlantic Testing Laboratories, Limited (ATL) has provided continuing education seminars for PDH credit for 15 years and we are excited to announce that the following seminars have been approved for online presentation. The seminars are intended to provide participants with an understanding of technical topics that will assist with their project needs. PDHs from ATL courses are recognized by most U.S. states including New York (ATL is a NYS approved Sponsor Organization).



WEBINAR SCHEDULE

Thursday, January 13, 2022 at 2:00PM EDT

Petrographic Analysis of Concrete

Presenter: Chris Kelson Ph.D., P.G.

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)

Cost: **No Charge**

Register at: <https://attendee.gotowebinar.com/register/8214982855385343757>

Wednesday, January 26, 2022 at 2:00PM EDT

Air Void Systematics of Hardened Concrete

Presenter: Chris Kelson Ph.D., P.G.

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)

Cost: **No Charge**

Register at: <https://attendee.gotowebinar.com/register/1050968609564388875>

Thursday, February 10, 2022 at 2:00PM EDT

Introduction to Concrete Nondestructive Test (NDT) Methods

Presenter: Steve Moore, PE

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)

Cost: **No Charge**

Register at: <https://attendee.gotowebinar.com/register/3604457921237005327>

Thursday, March 3, 2022 at 2:00PM EDT

Importance and Advantages of a Thorough Hazardous Materials Design

Presenter: Cheyenne Dashnaw, PE

This presentation will provide an understanding of a hazardous materials design and factors to consider during preparation of abatement/remediation plans. Including a discussion of potential issues that may arise from insufficient designs and the benefits of having a thorough and complete design to avoid the release of hazardous materials to a building or surrounding environment, preventing exposure to building occupants and the public, and to minimize risks to workers at a project site. (1 PDH)

Cost: **No Charge**

Register at: <https://attendee.gotowebinar.com/register/9203543864314258702>

Thursday, March 17, 2022 at 2:00PM EDT

Concrete Investigations and Case Studies

Presenter: Steve Moore, PE

This presentation will review multiple concrete investigations and different methods of evaluation, including corrosion mapping using half-cell potential (ASTM C876), ground penetrating radar for reinforcement location and concrete cover, and ultrasonic pulse velocity used to evaluate the depth of fire damage and poorly consolidated concrete. (1 PDH)

Cost: **No Charge**

Register at: <https://attendee.gotowebinar.com/register/3423619044793510667>

Thursday March 31, 2022 at 2:00PM EDT

Role of Laboratory Testing in Geotechnical Engineering

Presenter: Brian Barnes, PE

This presentation discusses the typically geotechnical laboratory tests performed on soil samples for foundation evaluations in New York State. The typical index and performance tests will be presented along with the role geotechnical engineer of record in the laboratory testing program. (1 PDH)

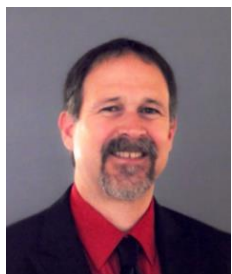
Cost: **No Charge**

Register at: <https://attendee.gotowebinar.com/register/7401967673924281102>

PRESENTER BIOS



Chris Kelson, PhD, PG, Senior Geologist for ATL, holds B.S., M.S., and Ph.D. degrees in Geology and is licensed professional geologist in New York State. He has over 25 years of experience within the precious metals mining industry and construction materials industry and over 20 years of teaching and research experience at six different universities. His specialties include geochemistry, mineralogy, petrology, and petrography with respect to concrete, rocks, and minerals.



Steve Moore, PE, Senior Engineer for ATL, is a licensed Professional Engineer in New York, Massachusetts, and Vermont. He has over 15 years of experience with nondestructive testing (NDT) of construction materials, monitoring of construction vibrations, and quality assurance/quality control testing of construction materials.



Cheyenne Dashnaw, PE, Senior engineer for ATL, is a licensed Professional Engineer in New York with over 18 years of experience. He has experience with environmental engineering and consulting, including; asbestos and hazardous materials surveys, abatement and remediation system designs and variances, Phase I Environmental Site Assessments (ESA), Phase II environmental investigations, and Phase III environmental remediation.



Brian Barnes, PE, Senior Geotechnical Engineer for ATL, is a licensed Professional Engineer in New York, Vermont, and Pennsylvania. He has 25 years of experience in construction materials, geotechnical, and environmental engineering. Brian has developed and provides seminars that are approved by New York for continuing education units/professional development hours and covers topics including geotechnical evaluations and Special Inspections in accordance with the NYS Building Code.