

Agenda

Presented by Andrew Lueck

The Many Functions of Trees for Exterior (and Interior) Spaces

- Wind breaking
- Passive cooling
- Pollution reduction
- Aesthetic impact
- Human and wildlife habitat
- Economic benefits

Tree Biology and Health

- Tree biology and anatomy
- Overview of native and non-native tree species and characteristics
- Insects disease
- Nutrients and how they affect tree health

Trees as Elements of Design and Not Obstacles or Afterthoughts

- Environmental and site requirements for tree health
- Designing with trees
- Aligning tree characteristics with the site
- Overview of planning, design and construction documents

Construction Strategy: Finding a Balance Between Tree Environment and Construction Goals

- Site analysis
- Construction strategies for tree preservation
- Completed project case studies

Implementing Ongoing Tree Maintenance and Protection Plans

- Technology and people – GIS, management in the “cloud”
- Providing a healthy environment for the long term
- Tree management plans – goals and strategies
- Project case studies

Handling Environmental Threats, Pests, Disease and Other Risks

- Keys to survivability
- Proactive and reactive options
- Plant health care and integrated pest management
- Questions and answers

The Tree Course

Indianapolis, IN - Tuesday, December 18, 2018



Halfmoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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Learning Objectives

You'll be able to:

Explore the environmental, aesthetic and economic benefits of trees.

Identify native and non-native tree species and characteristics.

Review environmental and site requirements for tree health.

Determine goals and strategies to provide a healthy tree environment for the long term.

Learn about plant health care and integrated pest management.



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Discover the many functions of trees for exterior (and interior) spaces

Learn about tree biology and health

Consider trees as elements of design and not obstacles or afterthoughts

Understand how to implement ongoing tree maintenance and protection plans

Review environmental threats, pests, disease and other risks

Continuing Education Credits

Professional Engineers

6.5 Hours of Continuing Ed.

Architects and Landscape Architects

6.5 HSW Contact Hours

6.5 AIA HSW Learning Units

Certified Arborist and Municipal Specialists*

6.5 ISA CEUs

Foresters

4.5 Category 1 CFE Credits

Contractors

Non-Credit Continuing Ed.

*more credits listed inside



HalfMoon Education Inc.
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Faculty

Andrew Lueck is president and consulting arborist at Planned Forest Solutions LLC, an urban tree consulting firm based in Chicago, Illinois. He has worked in the field of arboriculture/urban forestry for over 15 years, in which he has held roles in the commercial, municipal and higher education sectors. Through Planned Forest Solutions, he helps municipalities, homeowners and commercial firms manage trees in urban areas to achieve their maximum benefit. He has extensive experience in tree preservation, tree biology, urban forest master planning, and tree risk assessment, and he has been involved as an expert witness on trees.

Mr. Lueck holds a bachelor of science degree in Urban Forestry from the University of Wisconsin - Stevens Point and a masters degree in Urban Planning and Policy from the University of Illinois at Chicago. He is a board certified master arborist, registered consulting arborist, LEED AP ND and is tree risk assessment qualified (TRAQ).

Here’s what past attendees had to say about the seminar and presenter Andrew Lueck:

“Very nice job.” – *Engineer (PE & SE)*

“Andrew did a very good job covering a variety of topics & making them all interesting.” – *Arborist/Landscape Architect*

“Excellent class.” – *Landscape Architect*

“Outstanding slides, outstanding presentation, good/excellent level of detail.” – *Lead Mechanical Engineer (Retired)*

Seminar Information

Hilton Garden Inn Indianapolis Northwest 6930 Intech Blvd. Indianapolis, IN 46278 (317) 288-6060	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:30 pm	Lunch (On your own) 12:30 - 1:30 pm Afternoon Session 1:30 - 4:30 pm
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Tuition

\$279 for individual registration

\$259 for three or more simultaneous registrations.

Included with your registration: Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar (CDT), and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Can’t Attend? Order the CD/Manual Package:

An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

Webinar Series

Residential Energy Code

- **Introduction to the Residential Energy Code and Mandatory Requirements**
Thurs., Dec. 6, 2018, 11:00 AM - 12:30 PM CST

- **IECC Residential Building Envelope Requirements**
Thurs., Dec. 6, 2018, 1:00 - 2:30 PM CST

- **IECC Residential HVAC Requirements**
Fri., Dec. 7, 2018, 11:00 AM - 12:30 PM CST

- **International Energy Conservation Permit Pathways**
Fri., Dec. 7, 2018, 1:00 - 2:30 PM CST

Stormwater Management Systems

- **Stormwater Infrastructure Practices**
Weds., Dec. 19, 2018, 11:00 AM - 1:00 PM CST

- **Infiltration Management Techniques**
Thurs., Dec. 20, 2018, 11:00 AM - 1:00 PM CST

For more information visit:
www.halfmoonseminars.org/webinars/

Deep Foundations

- **Deep Foundation Site Evaluation**
Weds., Dec. 12, 2018, 11:00 AM - 12:00 PM CST

- **Overview of Deep Foundations**
Weds., Dec.12, 2018, 12:30 - 2:00 PM CST

- **Deep Foundation Pile Design**
Thurs., Dec. 13, 2018, 11:00 AM - 12:30 PM CST

- **Deep Foundation Installation and Testing**
Thurs., Dec. 13, 2018, 1:00 - 2:00 PM CST

NFPA 70E Series

- **NFPA 70E, Part I**
Weds., Dec. 26, 2018, 11:00 AM - 3:30 PM CST

- **NFPA 70E, Part II**
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST

Seismic Design and Construction

- **Seismology and Building Codes**
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST

- **Seismic Design of Building Structures**
Fri., Dec. 28, 2018, 11:00 AM - 3:30 PM CST

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours/PDHs to professional engineers and 6.5 contact hours to architects in all states, except Florida architects. HalfMoon Education is an approved continuing education provider for Indiana engineers (License No. CE21700059). Educators and courses are not subject to preapproval for Indiana architects and landscape architects.

This course offers 6.5 HSW contact hours to landscape architects in most states, including Indiana. Educators and courses are not subject to preapproval in Indiana.

The American Institute of Architects has approved this course for 6.5 Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing education System has approved it for 6.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and the LA/CES.

HalfMoon Education is deemed an approved architect and landscape architect continuing education sponsor in New York. HalfMoon Education is an approved, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSSED Sponsor No. 35), North Carolina, and North Dakota.

The International Society of Arboriculture has approved this course for in the following categories: 6.5 Certified Arborist, 6.5 Municipal Specialists, 3.5 BCMA-Practice, and 1.5 BCMA-Science and BCMA-Management.

The Society of American Foresters has approved this course for 4.5 Category 1 CFE credits.

This seminar offers a non-credit continuing education opportunity to construction contracts. It has not been approved by any contractor licensing board for continuing education credit.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Registration

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	Name: _____ Occupation: _____ Email: _____ Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Name: _____ Occupation: _____ Email: _____ Phone: _____
Complete the entire form. Attach duplicates if necessary.	Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
	() I need special accommodations. Please contact me.

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.

() **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____