

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

Naperville, IL - Friday, August 24, 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 tree 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 PDHs

Landscape Architects
6.5 HSW Continuing Ed. Hours
6.5 LA CES HSW PDHs

Certified Arborists
6.5 ISA CEUs (more credits inside)

Foresters
6.0 SAF Credit Hours

Architects
6.5 HSW Contact Hours
6.5 AIA HSW Learning Units



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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, tree risk assessment and tree expert witness for litigation.

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, a registered consulting arborist, and a LEED AP ND, and he is tree risk assessment qualified (TRAQ).

Seminar Information

Marriott Naperville

1801 N. Naper Blvd.
Naperville, IL 60563
(630) 505-4900

Registration 8:00 - 8:30 am	Lunch (on your own) 12:30 - 1:30 pm
Morning Session 8:30 am - 12:30 pm	Afternoon Session 1:30 - 4:30 pm

Tuition

\$279 for individual registration

\$259 for three or more simultaneous registrations.

Each registration includes a complementary continental breakfast and printed seminar manual.

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

AutoCAD 3D

- **Using Key Commands and Tools**

Part I: Wed., July 11, 2018, 11:00 AM - 2:15 PM CDT

Part II: Thurs., July 12, 2018, 11:00 AM - 2:15 PM CDT

- **Building a Solid Model**

Part I: Wed., July 18, 2018, 11:00 AM - 2:15 PM CDT

Part II: Thurs., July 19, 2018, 11:00 AM - 2:15 PM CDT

Retaining Walls and Slope Stabilization

- **Retaining Wall Basics**

Thurs., July 26, 2018, 11:00 AM - 12:00 PM CDT

- **Geosynthetics and Retaining Walls**

Thurs., July 26, 2018, 12:30 - 3:00 PM CDT

- **Slope Stability and Geosynthetics**

Fri., July 27, 2018, 11:00 AM - 12:30 PM CDT

- **Slope and Retaining Wall Failures, Fixes and Prevention**

Fri., July 27, 2018, 1:00 - 3:00 PM CDT

For more information

and other online learning opportunities visit:

www.halfmoonseminars.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers, 6.5 HSW contact hours to architects, and 6.5 HSW continuing education hours to landscape architects in most states, including Illinois. Educators and courses are not subject to pre-approval in Illinois.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and the LA/CES.

Engineers, architects, and landscape architects seeking continuing education credit in other states will be able to apply the hours earned at this seminar in most cases. Refer to specific state rules to determine eligibility.

HalfMoon Education is deemed an approved continuing education sponsor for New York architects and landscape architects. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota.

The International Society of Arboriculture has approved this event for 6.5 credit hours for Certified Arborists, Municipal Specialists, Utility Specials, TW Climber Specialists, and TW Aerial Lift Specialists, and 2.5 credit hours for BCMA Practice, and 2.0 BCMA Science and BCMA-Management.

The Society of American Foresters has approved this event for 6.0 continuing education hours.

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.

Septic Systems Series

- **Onsite Wastewater Treatment Technologies, Regulations and Contaminant Removal**

Thurs., July 19, 2018, 11:00 AM - 12:30 PM CDT

- **Evaluating Sites, Setting Treatment Goals and System Design**

Thurs., July 19, 2018, 1:00 - 2:30 PM CDT

- **Alternative and Sustainable Treatment Technologies**

Fri., July 20, 2018, 11:00 AM - 12:30 PM CDT

- **Management Programs for Onsite Wastewater Treatment Systems**

Fri., July 20, 2018, 1:00 - 2:30 PM CDT

National Electrical Code

- **National Electrical Code, Part I**

Tues., July 24, 2018, 11:00 AM - 3:30 PM CDT

- **National Electrical Code, Part II**

Weds., July 25, 2018, 11:00 AM - 3:30 PM CDT

- **National Electrical Code, Part III**

Thurs., July 26, 2018, 11:00 AM - 3:30 PM CDT

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: _____

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