

Agenda

Presented by John Palmer, BCMA

Soils

- Compaction – The destroyer of soils
- Hydrology – Keeping water where it needs to be
- Nutrients – Increasing access to what plants need
- Care – Ways to avoid damaging soil

Roots

- Structure – What are roots really like?
- Pruning - Learn when to cut and not to cut
- Establishment – Creating the optimum environment
- Defective – Identifying, correcting, or rejecting poor structure

Biology

- Processes – Discuss why trees do what they do
- Health – Increasing vigor, longevity, and stability
- Responses – Analyze how trees react
- CODIT – The fundamental biological process

Biomechanics

- Young Tree Training – The path to true sustainability
- Branch Structure – Right vs wrong, strong vs weak structures
- Risk – How to predict the future
- Thigmomorphogenesis – Altering the growth pattern

Pruning

- Techniques – Ways to perform “tree surgery”
- Restoration – Helping trees recover
- Structural – Creating safer, longer tree life
- Standards – Research that informs practice

Deforestation By Design™

- Avoiding predictable failures
- Poor materials – Caveat emptor: Let the buyer beware
- Poor planning – What we want vs what trees need
- Poor planting – How to eliminate discredited techniques and practices

Added Value: Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date. (Must attend live webinar to earn live webinar credits)

Can't Attend? Order the Webinar as a Self-Study Package!
Recordings of this webinar are available for purchase. See course listing online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care

Live, Interactive Webinar - Friday, August 19, 2022

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



Learning Objectives

You'll be able to:

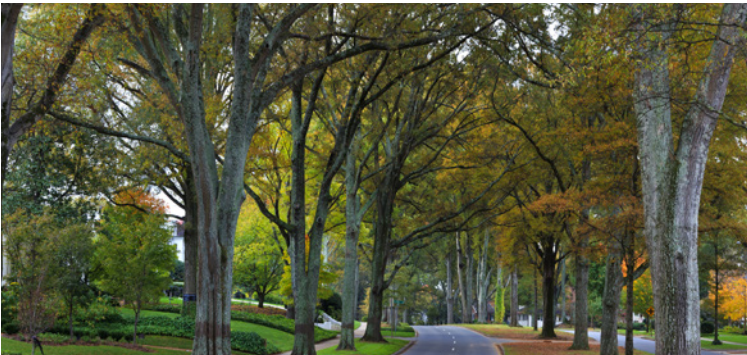
- Identify** proper ways to increase tree access to nutrients and hydration.
- Explore** ways to identify, correct, or reject poor root structure.
- Study** processes of tree biology to increase vigor, longevity, and stability.
- Understand** the path to true sustainability through young tree training.
- Evaluate** pruning techniques and ways to create safer, longer tree life.
- Learn** how to avoid predictable failures by identifying poor materials, planning, and planting.



HalfMoon Education Live Webinars

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| Learn about complexities of soils | Examine the intricacies of pruning |
| Understand specifics of roots including structure, pruning, and establishment | Discuss biomechanics of trees such as branch structure and thigmomorphogenesis |
| Analyze tree biology including processes, health, and responses | Explore Deforestation By Design™ |

Continuing Education Credits

- | | |
|---|--|
| Professional Engineers
6.5 PDHs | Landscape Architects
6.5 HSW CE Hours
6.5 LA CES HSW PDHs |
| Architects
6.5 HSW CE Hours
6.5 AIA LU HSW | Foresters
6.5 SAF Category 1 Credits |
| | ISA
Pending |



Faculty

John Palmer, BCMA
Board Certified Master Arborist and Advanced Tree Risk Assessor from Cleveland, OH
Mr. Palmer is a Consulting Arborist, Board Certified Master Arborist by the International Society of Arboriculture, and an advanced Tree Risk Assessor. He is an author, speaker, and trainer, on subjects including The Future of Urban Forestry, Deforestation By Design™, The New Construction Paradigm, and The Leadership Laws of Nature. His focus is on trees in urban and construction environments, soil deficiencies and the importance of soils for sustainable mature trees, increasing urban tree canopies by ensuring trees live to maturity, and unsustainable landscape designs. His areas of expertise include young tree training, proper pruning and planting practices, biomechanics, soil and water management, urban forestry, tree biology, and healthy root system development.

Here’s what past attendees had to say about the program and presenter John Palmer:
“John is one of two presenters in the last 30 years who has held my interest throughout an entire all day program.” – *Architect*

“Excellent presentation and content. I especially appreciated all of the references in the material.” – *Civil Engineer*

Webinar Information

Log into Webinar 8:30 - 9:00 am CDT	Break 12:45 - 1:15 pm CDT
Morning Session 9:00 am - 12:45 pm CDT	Afternoon Session 1:15 - 4:30 pm CDT

Tuition
\$319 for individual registration
\$289 for two or more registrants from the same company at the same time.
Included with your registration: PDF 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

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

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Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

- The Tree Course: Science, Design, and Sustainability**
- Fri, July 15, 2022 | 7:30 am - 3:30 pm CDT

Boundary Survey: How to Deal with Boundary Dispute Issues
- Thurs, July 21, 2022 | 3:00 - 5:00 pm CDT

Advanced HEC-RAS Modeling
- Fri, July 22, 2022 | 8:30 am - 4:20 pm CDT

GNSS Positioning
- Tues, July 26, 2022 | 8:30 am - 3:20 pm CDT

Pavement Design, Construction and Maintenance
- Wed, July 27, 2022 | 10:00 am - 1:10 pm CDT
- Thurs, July 28, 2022 | 10:00 am - 1:40 pm CDT

Stream Restoration for Design Professionals
- Thurs, July 28, 2022 | 9:00 am - 4:30 pm CDT
- Maintenance of Green Infrastructure Practices**
- Tues, Aug 2, 2022 | 10:00 am - 12:00 pm CDT

Designing Accessible Pedestrian Facilities under ADA, IBC and PROWAG
- Wed, Aug 3, 2022 | 8:30 - 11:45 am CDT
- Thurs, Aug 4, 2022 | 8:30 am - 12:15 pm CDT

Ethical Issues of the Land Surveying Profession
- Thurs, Aug 4, 2022 | 3:00 - 5:00 pm CDT

Practical Engineering Economics
- Thurs, Aug 4, 2022 | 8:30 am - 4:20 pm CDT

Floodplain Mapping, Insurance and Regulation
- Wed, Aug 10, 2022 | 10:00 am - 1:15 pm
- Thurs, Aug 11, 2022 | 10:00 am - 1:15 pm

For more information and other online learning opportunities visit:
www.halfmoonseminars.org

Continuing Education Credit Information
This webinar is open to the public and offers 6.5 PDHs to professional engineers, 6.5 HSW continuing education hours to licensed architects, and 6.5 HSW continuing education hours to landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU | HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

The Society of American Foresters has approved this course for 6.5 Category 1 CFE credits.

This webinar has been submitted to the International Society of Arboriculture for pre-approval, which is pending.

Visit this course listing at www.halfmoonseminars.org for updates on pending credits.

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	Complete the entire form. Attach duplicates if necessary.
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
() I need special accommodations. Please contact me.	
Tuition () I will be attending the live webinar. Single Registrant - \$319.00 . Two or more registrants from the same company registering at the same time - \$289.00 each. () I am not attending. Please send me the webinar recording: ☐ Streamable MP4 Video/PDF Manual for \$329.00 . ☐ USB Video/PDF Manual for \$329.00 .	
Checks: Make payable to HalfMoon Education Inc. Credit Card: <i>Mastercard, Visa, American Express, or Discover</i> Credit Card Number: _____ Expiration Date: _____ CV2 Code: _____ Cardholder Name: _____ Billing Address: _____ City: _____ State: _____ Zip: _____ Signature: _____ Email: _____	
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