

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
- Defects – 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

Can’t Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details 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**
Oakbrook Terrace, IL or Online - Friday, October 13, 2023

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EAU CLAIRE, WI
PERMIT NO. 2016

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.



Live, In-Person Seminar and Live Webcast

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|--|---|
| Learn about complexities of soils | Examine standards and techniques for pruning |
| Understand specifics of roots including structure, pruning, and establishment | Discuss biomechanics for young tree training |
| Analyze tree biology including processes, health, and responses | Use tree knowledge to avoid common failures |

Continuing Education Credits

- | | |
|---|--|
| Arborists
6.5 ISA CEUs | Landscape Architects
6.5 HSW CE Hours
6.5 LA CES HSW PDHs |
| Professional Engineers
6.5 PDHs | Foresters
Up to 6.5
Category 1 CFE Credits |
| Architects
6.5 HSW CE Hours
6.5 AIA LU HSW | |



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WWW.HALFMOONSEMINARS.ORG

Seminar/Webcast Information

Courtyard by Marriott Chicago Oakbrook Terrace
6 Trans Am Plaza Drive
Oakbrook Terrace, IL 60181
630-691-1500

Registration/Log in 8:30 - 9:00 am CDT	Lunch (on your own) 12:45 - 1:45 pm CDT
Morning Session 9:00 am - 12:45 pm CDT	Afternoon Session 1:45 - 5:00 pm CDT

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

Tuition
\$319 for individual registration.
\$289 for three 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
- Call customer service at 715-835-5900

Cancellations: Transfer from seminar to webinar or from webinar to seminar at any time without charge! Cancel at least 48 hours before the start of the seminar/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 seminar/webinar.. You may also authorize another person to take your place.

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or scan here



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 presenter John Palmer:
"Very good. Very useful. I will change some of what I have been doing based on what I have learned from this webinar." – Civil Engineer

"John is one of two presenters in the last 30 years who has held my interest throughout an entire all day program." – Architect

Additional Learning

- Road to Net-Zero Water: Alternate Sources for Irrigation**
- Wednesday, September 13, 2023 | 2:00 - 4:00 pm CDT
- Biostabilization Improvements on Steep to Moderate Slopes**
- Thursday, September 14, 2023 | 10:00 am - 12:00 pm CDT
- Handling Ethical Issues in Construction Contracting**
- Wednesday, September 20, 2023 | 9:00 - 10:00 am CDT
- Reducing Upfront Carbon Emissions from Building Materials**
- Thursday, September 21, 2023 | 10:00 am - 12:15 pm CDT
- The Urban Forest: Challenges and Opportunities**
- Friday, September 22, 2023 | 9:00 am - 4:30 pm CDT
- Deep Dive into Invasive Landscape Plants**
- Tuesday, September 26, 2023 | 9:00 - 10:30 am CDT
- Wildfire and the Built Environment: Landscape and Construction Issues**
- Wednesday, September 27, 2023 | 10:30 am - 6:00 pm CDT
- Southwest U.S. Native Plant Workshop: Native Plants in the Managed Landscape**
- Thursday, September 28, 2023 | 10:30 am - 6:00 pm CDT

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

Credit Information

This seminar and concurrent webcast are open to the public and are designed to qualify for 6.5 PDHs for professional engineers, 6.5 HSW continuing education hours for licensed architects, and a 6.5-hour learning opportunity for landscape architects licensed in Illinois. Professionals seeking continuing education credits in other states may be able to claim the hours earned at this event; please refer to specific state rules to determine eligibility.

The International Society of Arboriculture has approved this course for the following CEUs: 6.5 Certified Arborist, Climber Specialist, Utility Specialist, Municipal Specialist, Aerial Lift; 2.5 BCMA Practice; 2.0 BCMA Science, BCMA Management.

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 HalfMoon Education as a sponsor of continuing education (Sponsor No. J885). This course is approved for 6.5 HSW learning units. 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.

Foresters may be able to earn up to 6.5 Category 1 CFE credits through the CFE post-approval process with the Society of American Foresters (SAF). Credit determination will be made by SAF.

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Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits
The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
6.5 HSW LUs (AIA), 6.5 HSW PDHs (LA CES)

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