

Agenda

Presented by John Palmer, BCMA

The Scientific, Economic, And Aesthetic Benefits of Trees

- Physical benefits
- Environmental benefits
- Social benefits
- Health benefits
- Economic benefits

If Trees Could Talk – The Secrets of Healthy, Mature Trees

- Biology and anatomy
- Soil Roots
- Oxygen Stress
- Native vs. non-native

Trees Are Infrastructure: Design Elements That Appreciate

- Placement and value
- Benefits
- Deforestation By Design™
- Structural cells
- Planning vs. design
- After the job

Trees And Site Requirements: Always At Odds?

- Compaction and proctor density
- The brown infrastructure
- Screened soils: the silent killer
- Root myths
- Avoidable conflicts

Trees That Outlive Designs: After The Project Is Finished

- Trees in teacups
- Lifespan
- Soil volume
- Increasing value
- Proper structure

Threats To Trees

- Biotic and abiotic
- Neglect
- An ounce of prevention
- Computer modeling risks

Can't Attend?

Order the Webinar as a Self-Study Package!

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.

**The Tree Course:
Science, Design, and Sustainability**
Live, Interactive Webinar - Friday, April 16, 2021

Learning Objectives

You'll be able to:

Identify the social, economic and health benefits of trees.

Explore the effects of using native versus non-native trees in design.

Consider tree placement and the lifespan of trees when designing sites.

Understand root myths and learn how compaction can affect trees.

Evaluate strategies for achieving balance between the tree environment and construction site goals.

Learn about protecting trees from threats to their health.

HalfMoon Education Online Learning

The Tree Course: Science, Design, and Sustainability

Live, Interactive Webinar - Friday, April 16, 2021



Learn about the scientific, economic, and aesthetic benefits of trees

Analyze how biology, soil, oxygen, stress and other factors impact trees

Consider design elements that incorporate new tree plantings and that preserve existing trees

Understand long term design impacts (sustainability, increased canopy) that add value beyond building project lifespan

Examine threats to trees and learn how to prevent these threats from damaging trees

Continuing Education Credits

Professional Engineers

6.5 PDHs

Architects

6.5 HSW CE Hours

AIA

6.5 LU|HSW

Landscape Architects

6.5 HSW CE Hours

LA CES

6.5 HSW PDHs

Certified Arborists

6.5 ISA CEUs (more inside)

Foresters

6.5 SAF Cat. 1 Hours



Faculty

John Palmer, BCMA PlanetCare Landscape and Arboricultural Services

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 & 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

\$289 for individual registration
\$199 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
- 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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Additional Learning

Pruniversity:

Plant Health Through Pruning
- Thurs, Mar 4, 2021 | 9:00 am - 5:00 pm CST

Complying with Fire, Building and Mechanical Codes: Focus Fire Rated Ducts & Enclosures
- Wed, Mar 10, 2021 | 7:30 am - 2:50 pm CST

How to Build a Sustainable Future
- Thurs, Mar 11, 2021 | 11:00 am - 2:15 pm CST

SketchUp for Building Professionals
- Thurs, Mar 11, 2021 | 11:00 am - 2:45 pm CST
- Fri, Mar 12, 2021 | 11:00 am - 2:45 pm CST

2021 International Residential Code: Residential Structural Design
- Fri, Mar 12, 2021, 11:00 am - 3:30 pm CST

Retaining Wall Design and Global Stability Analysis
- Mon, Mar 15, 2021 | 9:00 am - 5:00 pm CDT

Engineered Lumber Design and Construction
- Wed, Mar 17, 2021 | 8:30 am - 5:00 pm CDT

Introduction to Green Infrastructure
- Wed, Mar 17, 2021 | 11:00 am - 2:30 pm CDT
- Thurs, Mar 18, 2021 | 11:00 am - 2:30 pm CDT

Residential Provisions of the International Energy Conservation Code (IECC)
- Wed, Mar 17, 2021 | 8:30 am - 5:00 pm CDT

Bioretention System Design
- Fri, Mar 19, 2021 | 10:00 am - 12:00 pm CDT

Urban Planning and Design for Electric Bikes and Scooters
- Mon, Mar 22, 2021 | 9:30 am - 4:30 pm CDT

Considerations for Acquiring and Developing Brownfields Properties in the US
- Tues, Mar 23, 2021 | 1:00 - 4:00 pm CDT

Threats to Trees
- Fri, Mar 26, 2021 | 9:00 am - 4:30 pm CDT

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

Continuing Education Credit Information

This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states. It offers 6.5 HSW continuing education hours to landscape architects in most states. HalfMoon Education will not be seeking landscape architect course approval in Florida, New Jersey, or North Carolina.

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), North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers, architects, and landscape 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), §79-1.5(i)(2)). Courses approved by the AIA/CES qualify for Florida and New Jersey architects. Other states do not preapprove continuing education providers or courses.

This course has been approved by the American Institute of Architects Continuing Education System for 6.5 LU | HSW (Sponsor No. J885) and the Landscape Architect Continuing Education System for 6.5 HSW PDHs. Only full participation is reportable to the AIA/CES and LA CES.

The International Society of Arboriculture has approved this event for the following CEUs: 6.5 Certified Arborist, Municipal Specialist; 5.75 Climber Specialist, Utility Specialist, Aerial Lift; 3.25 BCMA Management; 2 BCMA Science; 1.25 BCMA Practice.

The Society of American Foresters has approved this course for 6.5 SAF Cat. 1 hours.

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

Registration

The Tree Course: Science, Design, and Sustainability
Live, Interactive Webinar - Friday, April 16, 2021

How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Code:	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 webinar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$199.00** each.

() **I am not attending.** Please send me the webinar recording:
 Streamable MP4 Video/PDF Manual for **\$299.00**.
 USB Video/PDF Manual for **\$299.00**.

Checks: Make payable to HalfMoon Education Inc.
Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CV2 Code: _____

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Email: _____