

Agenda

Presented by John Palmer

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
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

**The Tree Course:
Science, Design, and Sustainability**
Secaucus, NJ - Friday, June 7, 2019



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

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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 effect trees.

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

Learn about protecting trees from threats to their health.



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

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

Continuing Education Credits

Professional Engineers

6.5 CPC Credits/PDHs

Architects

6.0 NJ CE Hours

6.5 AIA HSW Learning Units

Landscape Architects

6.0 NJ CE Hours

6.5 LA CES HSW PDHs

Certified Arborists

Course Approval Applied/Pending

New Jersey Tree Experts

6.5 LTE and LTCO CEUs



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty

John Palmer *PlanetCare Landscape and Arboricultural Services - Lakewood, OH*

Mr. Palmer is a consulting arborist, certified 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*. Mr. Palmer’s 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:

- “Great speaker—dynamic & passionate about trees & tree science.” — *Architect*
- “Excellent presentation & content. I especially appreciated all of the references in the material.” — *Civil Engineer*

Seminar Information

Holiday Inn Secaucus Meadowlands	Registration	Lunch (On your own)
300 Plaza Drive	8:00 - 8:30 am	12:15 - 1:15 pm
Secaucus, NJ 07094	Morning Session	Afternoon Session
(201) 348-2000	8:30 am - 12:15 pm	1:15 - 4:30 pm

Tuition
\$289 for individual registration
\$269 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, 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 self-study package. You may also send another person to take your place.

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$269. 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

Webinar Series

Passive House: Planning and Design

- **Energy Efficiency of Conventional Construction**
Thurs., May 9, 2019, 11:00 AM - 12:00 PM CDT
- **Passive House Standard: Purpose, Principles and Development**
Thurs., May 9, 2019, 12:30 - 2:00 PM CDT
- **Architectural Elements of Passive Houses**
Fri., May 10, 2019, 11:00 AM - 12:30 PM CDT
- **Mechanical Systems in Passive Houses**
Fri., May 10, 2019, 1:00 - 2:30 PM CDT

Construction Cost Estimating

- **Introduction to Cost Estimating**
Thurs., May 23, 2019, 11:00 AM - 12:30 PM CDT
- **Cost Components – A Closer Look at the Estimates**
Thurs., May 23, 2019, 1:00 - 3:00 PM CDT
- **Cost Estimate Organization and Examples**
Fri., May 24, 2019, 11:00 AM - 1:00 PM CDT
- **Cost Estimating Topics**
Fri., May 24, 2019, 1:30 - 3:00 PM CDT

Erosion and Sediment Control

- **Soils and Causes of Erosion**
Thurs., May 16, 2019, 11:00 AM - 12:00 PM CDT
- **Goals for Selection of Erosion and Sediment Control Practices**
Thurs., May 16, 2019, 12:30 - 1:30 PM CDT
- **Calculations for Determining Soil Loss and Channel Stabilization**
Fri., May 17, 2019, 11:00 AM - 12:00 PM CDT
- **Non-Structural Erosion and Sediment Control Best Practices**
Fri., May 17, 2019, 12:30 - 1:30 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 CPC credits to New Jersey professional engineers. HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP00000700).

The New Jersey State Board of Architects has approved this course for 6.0 continuing education hours for architects and landscape architects.

This event has been 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 LA/CES.

The New York State Education Department recognizes continuing education providers approved by the American Institute of Architects Continuing Education System and/or the Landscape Architecture Continuing Education System. Courses in approved subject areas are considered approved New York State mandatory continuing education for engineers.

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, North Carolina, and North Dakota.

The New Jersey Board of Tree Experts has approved this course for 6.5 CEUs for LTEs and LTCOs.

HalfMoon Education has applied for course approval from the New Jersey Arborists ISA and the national office of the International Society of Arboriculture for course approval. Neither of these organizations has responded to those applications.

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

The Tree Course: Science, Design, and Sustainability
Secaucus, NJ - Friday, June 7, 2019

How to Register		Registrant Information	
Online: www.halfmoonseminars.org		Name: _____	
Phone: 715-835-5900		Company/Firm: _____	
		Address: _____	
Fax: 715-835-6066		City: _____ State: _____ Zip _____	
		Code:	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Occupation: _____	
Complete the entire form. Attach duplicates if necessary.		Email: _____	
		Phone: _____	
		Name: _____	
		Occupation: _____	
		Email: _____	
		Phone: _____	
		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 - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

() **I am not attending.** Please send me the self-study package:

☐ Downloadable MP3 Audio/PDF Manual for **\$269.00**.

☐ CD/Manual Package for **\$289.00**.

(Please allow four 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: _____