The Tree Course: Science, Design, and Sustainability
Middleburg Heights, OH - Friday, March 29, 2019

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.

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.

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
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
An ounce of prevention
Neglect
Computer modeling risks

Professional Engineers
6.5 CPD Hours/PEHS
6.5 ISA CEUs (more inside)
Arborists

Architects
6.5 HSW Continuing Ed. Hours
6.5 AIA HSW Learning Units

Landscape Architects
6.5 HSW Contact Hours
6.5 LA CES HSW PDHs

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6.5 HSW Continuing Ed. Hours
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6.5 LA CES HSW PDHs
Faculty

John Palmer: PlanTreeLandscape 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. His focus is on trees in urban and construction environments, soil deficiencies and the importance of soils for sustainable 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

Additional Learning

National Electrical Code
- National Electrical Code, Part I
  Wed., March 6, 2019, 11:00 AM - 3:30 PM CST
- National Electrical Code, Part II
  Thurs., March 7, 2019, 11:00 AM - 3:30 PM CST
- National Electrical Code, Part III
  Fri., March 8, 2019, 11:00 AM - 3:30 PM CST

Commercial Solar Peaker Batteries
- Commercial Solar Peaker Batteries, Part I
  Wed., March 13, 2019, 11:00 AM - 3:30 PM CST
- Commercial Solar Peaker Batteries, Part II
  Thurs., March 14, 2019, 11:00 AM - 1:30 PM CST

Handling Ethical Issues in Professional Engineering Practice
Fri., March 15, 2019, 11:00 AM - 12:00 PM CST

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

Continuing Education Credit Information

This live lecture presentation is open to the public and offers 6.5 continuing professional development hours/CEUs to professional engineers and 6.5 HSW continuing education hours to architects in most states, including Ohio. This course offers 6.5 HSW contact hours to Ohio landscape architects. Educators and courses are not subject to preapproval in Ohio.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. 1185) and by the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and LA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, North Carolina, and North Dakota. HalfMoon Education an approved Florida architect continuing education provider and is deemed an approved continuing education sponsor for New York architects and landscape architects.

The Ohio Chapter of the International Society of Arboriculture has approved this course for 6.5 CEUs for Certified Arborist and Municipal Specialist, 3.0 CEUs for BCMA-Science, 2.5 CEUs for BCMA-Practice, and 1.0 CEU for BCMA-Management.

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.

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Registration

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How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900
Fax:
715-835-6066

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

Complete the entire form. Attach duplicates if necessary.

Additional Registrants:
Name: Occupation:
Email: Phone:

Credit Card: Mastercard, Visa, American Express, or Discover
Credit Card Number:
Expiration Date:
CVV2 Code:

Billing Address:
City:           State:            Zip:
Name:
Email:

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Tuition

$289 for individual registration
$269 for three or more simultaneous registrations.

Included with your registration:
Complimentary 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, and receive a full tuition refund, minus a $59 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.

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Registration Information

Name:
Company/Firm:
Address:
City:           State:            Zip:
Occupation: Email:
Phone:

Additional Registrants:
Name:
Email:
Occupation:
Phone:

Credit Card: Mastercard, Visa, American Express, or Discover
Credit Card Number:
Expiration Date:
CVV2 Code:

Billing Address:
City:           State:            Zip:
Name:
Email:

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