

# Agenda

## Benefits of Trees

### Functional benefits

Environmental services	Vegetation control
Wildlife habitat	Buffer noise/wind
Cooling	Light shield
Erosion control	Carbon sequestration
Traffic control	Medical benefits
Social benefits	Economic benefits

### Aesthetic benefits

Specimen tree	Seasonal color/persistence
Screening	Barrier
Frame vista	Define public space
Add depth	

## Tree Biology, Soils and Tree Health

Tree biology and anatomy  
Site/soil characteristics  
Water management  
Tree health and disease

## Tree/Site Selection

Environment	Placement in design
Planting trees	Maintaining trees

## Trees and Risk Management

Recognizing tree hazards	Trees and construction
Urban tree policy-cost/benefits	Tree appraisal

## Identifying Tree Problems

Diagnostic techniques	Trees and structures
Treatment options	

## Current Threats

Emerald Ash Borer  
Southern Pine Beetle  
Crape Myrtle Scale  
Hemlock Wooley Adelgid  
Gypsy Moth  
Thousand Cankers Disease  
Bacterial Leaf Scorch  
Sudden Oak Death

**The Tree Course**  
Nashville, TN - Thursday, August 2, 2018



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

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## Learning Objectives

### You'll be able to:

**Identify** the many benefits of trees, including erosion control, wildlife habitat, cooling and carbon sequestration.

**Discuss** tree biology, anatomy, health and disease.

**Explore** tree placement in design and discuss tree maintenance.

**Learn** about the urban tree policy and discuss costs and benefits.

**Examine** the current threats with trees, including Emerald Ash Borer, Southern Pine Beetle and Sudden Oak Death.



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**Explore** the functional and aesthetic benefits of trees

**Examine** tree biology and tree health

**Investigate** best site selections for trees

**Recognize** tree hazards and discuss risk management

**Learn** about current threats affecting trees, such as Emerald Ash Borer and Gypsy Moth

## Continuing Education Credits

### Professional Engineers

6.5 HSW PDHs

### Architects

6.5 HSW PDHs

6.5 AIA HSW Learning Units

### Landscape Architects

6.5 HSW PDHs

6.5 LA/CES HSW PDHs

### Foresters

6.0 SAF Category 1 CFE Credits

### Arborists

6.5 ISA CEUs  
(see inside for more credit information)



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# Faculty

**Marty Shaw, RCA, BCMA** *Author of The Professional Amenity Plant Appraisal Handbook*



In the late 1970's and early 1980's, Mr. Shaw grew up in the sleepy little Appalachian town of Bristol, Tennessee, a small city that rests on the boundary between the two states of Tennessee and Virginia. Upon graduation from Bristol Tennessee High School, he enlisted in the United States Navy where he served as ship's baker aboard the USS Shark (a fast attack submarine) for four years. When his enlistment came to an end he took a job selling lawn care service to residential owners in Milwaukee, Wisconsin, and later, moved to Knoxville, Tennessee, where he worked as general manager of a landscape contracting company while attending the University of Tennessee for Ornamental Horticulture and Landscape Design. Eventually,

Mr. Shaw took over as president of a wholesale tree care supply business and built the company from \$70,000 in sales to over \$1.2 million in just seven years. During that time, he married his wife Kristin and they had two children together. With encouragement from Kristin he also developed an interest in arboricultural consulting, and on May 11th, 1999 he became the first American Society of Consulting Arborist (ASCA) member in Middle Tennessee. From 1998 to 2003, he also served on the Tennessee Urban Forestry Council. Mr. Shaw has since consulted with private land owners, insurance companies, attorneys, tree companies, cooperative extension service agents, country clubs, state urban forestry organizations, universities, and colleges. He has worked on some of the most challenging, difficult and highest profile cases across the United States. Mr. Shaw is a registered consulting arborist, a board-certified master arborist and one of only a handful of arborists worldwide who consult full-time. He is a UAS pilot, a real estate appraiser and he brings a broad range of skills from a variety of scientific and professional disciplines. An autodidact, Mr. Shaw brings a unique perspective and a talent for learning to any project. He has developed authoritative expertise to create a greater understanding in tree-related matters.

# Seminar Information

## Scarritt-Bennett Center

1008 19th Avenue South  
Nashville, TN 37212  
(615) 340-7500

Registration  
8:00 - 8:30 am  
Morning Session  
8:30 am - 12:30 pm  
Lunch (on your own)  
12:30 - 1:30 pm  
Afternoon Session  
1:30 - 4:30 pm

## Tuition

**\$279** for individual registration  
**\$259** for three or more registrations.

*Each registration includes a 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](http://www.halfmoonseminars.org).

## How to Register

- Visit us online at [www.halfmoonseminars.org](http://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 CD/manual package. You may also send another person to take your place.

## Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to engineers and 6.5 HSW continuing education hours to architects and landscape architects in most states, including Tennessee. Educators and courses are not subject to preapproval in Tennessee.

This seminar is 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 the LA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP0000700), New York (NYSSED No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved architect and landscape architect continuing education sponsor in New York.

The International Society of Arboriculture has approved this course for 6.5 Certified Arborist and Municipal Specialist CEUs, 3.25 BCMA-Science CEUs, 2.5 BCMA-Management CEUs, and .75 BCMA-Practice CEUs.

The Society of American Foresters has approved this event for 6.0 Category 1 CFE credits.

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.

# Additional Learning

## Webinar Series

### Introduction to Vibrations

- **Introduction to Vibrations**  
Thurs., June 14, 2018, 11:00 AM - 1:00 PM CDT

- **Eigenvalues, Eigenvectors and Motion**  
Thurs., June 14, 2018, 1:30 - 3:00 PM CDT

- **Analysis and Test Methods**  
Fri., June 15, 2018, 11:00 AM - 12:30 PM CDT

- **Designing for Vibration and Failure Analysis**  
Fri., June 15, 2018, 1:00 - 2:30 PM CDT

### Pedestrians and Bicycle Transport Planning

- **Introduction to Current Conditions and Trends in Biking and Walking**  
Thurs., June 21, 2018, 11:00 AM - 12:30 PM CDT

- **Engineering and Infrastructure: Design for Walkability and Bikeability**  
Thurs., June 21, 2018, 1:00 - 2:30 PM CDT

- **Developing a Walking and Biking Plan, Part I**  
Fri., June 22, 2018, 11:00 AM - 12:30 PM CDT

- **Developing a Walking and Biking Plan, Part II**  
Fri., June 22, 2018, 1:00 - 2:30 PM CDT

### Structural Forensic Engineering

- **Introduction to the forensic Engineering Process**  
Thurs., June 28, 2018, 11:00 AM - 1:00 PM CDT

- **Causes and Failures and the Forensic Engineering Report**  
Thurs., June 28, 2018, 1:30 - 3:30 PM CDT

- **Forensic Examination of Structures and Use in Litigation**  
Fri., June 29, 2018, 11:00 AM - 1:00 PM CDT

### Solar Photovoltaic Project Design and Development

- **Solar Photovoltaic Project Design and Development Part 1**  
Thurs., July 5, 2018, 11:00 AM - 2:15 PM CDT

- **Solar Photovoltaic Project Design and Development Part 2**  
Fri., July 6, 2018, 11:00 AM - 2:15 PM CDT

For more information visit:  
[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

### Can't Attend? Order the CD/Manual Package:

An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

# Registration

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How to Register		Registrant Information
<b>Online:</b> <a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a>		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
<b>Phone:</b> 715-835-5900		<b>Additional Registrants:</b> Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Fax:</b> 715-835-6066		Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Mail:</b> HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Complete the entire form.</b> 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 seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.

( ) **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five 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: \_\_\_\_\_