

## Credit Information

### 2021 International Wildland-Urban Interface Code

This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects licensed 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.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU|HSW (Sponsor No. J885). The Landscape Architect Continuing Education System has approved HalfMoon Education as a continuing education provider. Course approval is pending.

This course is registered with the American Planner Association AICP for CM|6.5 for Certified Planners (Course No. 9216557).

The International Code Council has approved this event for .65 CEUs in the specialty area of Fire (Preferred Provider No. 1232).

Visit this course listing at [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for updates on pending credits.

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

### The Tree Course: Science, Design, and Sustainability

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).

## Live, Interactive Webinars

- 2021 International Wildland-Urban Interface Code
- The Tree Course: Science, Design, and Sustainability

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## Live, Interactive Webinars

### 2021 International Wildland-Urban Interface Code

- Thursday, August 19, 2021 | 8:30 am - 4:30 pm CDT

### The Tree Course: Science, Design, and Sustainability

- Friday, August 20, 2021 | 9:00 am - 4:30 pm CDT

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

[www.halfmoonseminars.org](http://www.halfmoonseminars.org)

or call our Customer Service Department at (715) 835-5900



## HalfMoon Education Online Learning Live, Interactive Webinars



### 2021 International Wildland-Urban Interface Code

Thursday, August 19, 2021 | 8:30 am - 4:30 pm CDT

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: Pending Certified Planners/AICP: CM | 6.5 CEUs  
International Code Council: .65 CEUs (Fire)

### The Tree Course: Science, Design, and Sustainability

Friday, August 20, 2021 | 9:00 am - 4:30 pm CDT

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 Hour

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# 2021 International Wildland-Urban Interface Code

Thursday, August 19, 2021 | 8:30 am - 4:30 pm CDT (incl. a 60-min break)

**Tuition:** \$289 per registrant, \$199 per registrant for three or more

**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: Pending Certified Planners/AICP: CM | 6.5 CEUs  
International Code Council: .65 CEUs (Fire)

## Agenda

### Development and Enforcement of International Wildland-Urban Interface Code (IWUIC)

History of the IWUIC  
Adoption and enforcement of IWUIC  
Recent and anticipated code amendments  
Future of the code

### Wildland Urban Interface Areas

Identifying and designating wildland-urban interface areas  
Requirements for wildland-urban interface areas  
Access Water supply  
Fire protection

### Special Building Construction Regulations

General Fire hazard severity  
Ignition-resistant construction and material  
Replacement or repair of roof coverings

### Fire Protection Requirements

General Automatic sprinkler systems  
Defensible space Spark arresters  
Liquefied petroleum gas installations  
Firewood and combustible materials

### Appendix A General Requirements

General Vegetation control  
Access restrictions Ignition source control  
Control of storage Dumping  
Protection of pumps and water storage facilities  
Land use limitations Referenced standards

### Vegetation Management Plans

### Additional Appendices

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or call our Customer Service Department at (715) 835-5900

# The Tree Course: Science, Design, and Sustainability

Friday, August 20, 2021 | 9:00 am - 4:30 pm CDT (incl. a 30-min break)

**Tuition:** \$289 per registrant, \$199 per registrant for three or more

**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 (see details)  
Foresters: 6.5 SAF Cat 1 Hour

## Agenda

### 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

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## Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of these webinars are available for purchase. Visit these course listings on our website 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. Self-study packages do not qualify for AIA or LA CES credit.

# Faculty

## 2021 International Wildland-Urban Interface Code

**Bryan Hoskins, P.E. Ph.D.**

*Associate Professor of Fire Protection & Safety at Oklahoma State University*

Dr. Hoskins earned his B.S. and M.S. degrees in Fire Protection Engineering from the University of Maryland. He also received his Ph.D. degree in Mechanical Engineering from the University of Maryland in 2011 with an emphasis on building egress.

Dr. Hoskins spent one year working for Arup on projects primarily dealing with life safety design and people movement. He then spent two years working for the National Institute of Standards and Technology working on projects dealing with building evacuations and emergency messaging. He is a registered fire protection engineer in the state of Oklahoma.

Professor Hoskins is the chair of the Society of Fire Protection Engineers (SFPE) working group that developed a research roadmap for fire protection and a member of the Human Behavior in Fire Task group for SFPE. He serves on multiple code and standards committees. He has authored more than 20 articles related to building evacuations and human behavior in fire.

## The Tree Course: Science, Design, and Sustainability

**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.

# Additional Learning

## Street Maintenance and Traffic Operations

- Thurs, July 15, 2021 | 11:00 am - 2:30 pm CDT  
- Fri, July 16, 2021 | 11:00 am - 2:30 pm CDT

## The NEW 2021 Minimum Standards for ALTA/NSPS Land Title Surveys

- Mon, July 19, 2021 | 9:00 am - 12:15 pm CDT

## Managing Construction with AIA Document A201: General Conditions

- Tues, July 20, 2021 | 8:30 am - 4:00 pm CDT

## Stream Restoration in the Eastern U.S.

- Tues, July 20, 2021 | 7:30 am - 4:00 pm CDT

## Deep Excavations

- Wed, July 21, 2021 | 8:30 am - 4:30 pm CDT

## Providing Floodplain Services

- Wed, July 21, 2021 | 11:00 am - 2:30 pm CDT

## Technical Writing Workshop for Design Professionals

- Fri, July 23, 2021 | 8:30 am - 5:00 pm CDT

## Understanding and Working with Urban Soils

- Fri, July 23, 2021 | 8:30 - 10:30 am CDT

## Site Design

- Mon, July 26, 2021 | 8:30 am - 5:00 pm CDT

## Project Management for Engineers

- Wed, July 28, 2021 | 8:30 am - 4:30 pm CDT

## Reading, Interpreting and Writing Land Descriptions Workshops

- Wed, July 28, 2021 | 9:00 am - 4:00 pm CDT

## The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care

- Fri, July 30, 2021 | 9:00 am - 4:30 pm CDT

## Slope Stabilization and Landslide Prevention

- Tues, Aug 3, 2021 | 8:30 am - 5:00 pm CDT

For more information and other online learning opportunities visit: **[www.halfmoonseminars.org](http://www.halfmoonseminars.org)**