

DAY 1: Tuesday, May 16, 2023

8:00 to 8:30 Registration with Continental Breakfast

8:30 – 9:30
Basic Tree Functions - Tree Crown Structure & Architecture
Dr. Ryan Klein, UF Asst. Professor, Environmental Hort

9:30 – 10:15
Tree Root System Management: from Seed to Maturity
Dr. Ryan Klein, UF Asst. Professor, Environmental Hort

10:15 – 10:30 Break

10:30 – 11:15
Tree Health Diagnostic Process
Dr. A.D. Ali, Senior Scientist, Davey Tree Expert Company

11:15 – Noon
ID and Management of Common Tree Insect Pests
Dr. A.D. Ali, Senior Scientist, Davey Tree Expert Company

Noon – 1:00 Lunch (provided)

1:00 – 2:15
Young Tree & Mature Tree Pruning (Indoor/Outdoor)
Dr. Ryan Klein, UF Asst. Professor, Environmental Hort

2:15 – 3:00
Selecting and Purchasing Trees
Michael Marshall, Manager, Marshall Tree Farm

3:00 – 3:15 Break

3:15 – 4:00
How Trees Respond to Injury & Stress
Dr. Ryan Klein, UF Asst. Professor, Environmental Hort

4:00 Day 1 ends, sign for CEUs

DATES & ATTENDANCE OPTIONS:

May 16-17, 2023

2 attendance options:

- IN-PERSON (80 max):

UF-IFAS Orange County Extension Office
6021 S Conway Rd, Orlando, FL 32812
Venue phone: (407) 254-9200

- VIRTUAL via ZOOM (100 max)

JOIN US FOR 2 FULL DAYS

- An entry-level short course for the novice arborist
- Send newly hired employees for an arboriculture intro course
- Perfect for the arborist studying for the ISA Certification exam
- Arboriculture immersion: understand trees from roots to shoots
- Limited class size (80 seats / 100 virtual spots)

EARN CEUS:

ISA - 12.25 BCMA - 2(M) 6.5(P) 3.75(S)
FNGLA - 16 LIAF - 8 LA - 12.25 (course 0011839)

LEARN FROM OUR EXPERTS

DR. A.D. ALI, Davey Tree Expert Company

Dr. A.D. Ali has over 25 years' experience in the Green Industry. As a Senior Scientist within the Technical Services group at the Davey Institute, he provides technical support, conducts applied research, writes technical reports and is an Instructor in the Davey Institute's arboriculture & lawn care courses. He also provides Horticultural Sciences consulting services including plant problem diagnosis and landscape management. Dr. Ali is currently a Board-Certified Master Arborist.

NORM EASEY, Florida Chapter ISA

Norm has been active in urban forest management and arboriculture in Florida since receiving his bachelors' degree in Forestry/Resource Management in 1980 from the University of Wisconsin. He is currently the Chief Executive Officer of the Florida Chapter ISA. Prior to that, he was the Forestry Manager for Sarasota County, Florida for 18 years.

DR. RYAN KLEIN, UF Environmental Horticulture

Ryan Klein is an Assistant Professor in the Department of Environmental Horticulture at the University of Florida. His research focuses on the risk associated with urban trees and their survival following hurricanes and other intense storms. Ryan's interests center around exploring the impacts that urban forests have on the health and safety of urban populations. He views the relationship between people and their natural surroundings as being especially significant since most of the world's population live in urban areas and urban sprawl continues to consume our remaining natural spaces.

DR. ANDREW KOESER, UF-GREC

Dr. Andrew Koeser is an assistant professor who heads the Urban Tree and Landscape Management lab at the University of Florida Gulf Coast Research & Education Center near Tampa, Florida. Andrew is an ISA Board-Certified Master Arborist. Prior to completing his doctoral studies, Andrew worked at the International Society of Arboriculture. Andrew is the author of Trees: North and Central Florida & Trees: South Florida and the Keys, visual tree identification guides. Andrew was awarded the ISA Early Career Scientist Award at the 2015 ISA Annual Meeting in Orlando.

MICHAEL MARSHALL, Marshall Tree Farm

Michael Marshall is Vice President at Marshall Tree Farm a 600-acre landscape tree farm in North Central Florida. He studied horticulture at the University of Florida and received a Bachelor of Science Degree in Environmental Horticulture in 1994 and a Master of Science Degree in 1997. Michael served on the Board of Directors for the International Society of Arboriculture (ISA) for eleven years and was the Treasurer for ISA for five years. He has been active with the Florida Chapter ISA since 1997 and served as the Florida Chapter President in 2004.

DR. TOM SMILEY, Bartlett Tree Experts

Dr. Tom Smiley is an arboricultural researcher at the Bartlett Tree Experts. Dr. Smiley is active in the arboriculture industry and has co-authored the ISA's Best Management Practices for Tree Risk Assessment, Lightning Protection, Fertilization, Support Systems, Soil Management and Construction Management. His research has led to improved methods of increasing sidewalk longevity near trees, protecting more trees from lightning damage, improving tree root growth in compacted soil using the patented Root Invigoration process, and predicting tree failures.

DR. JASON SMITH, UF-Forestry Resources and Conservation

Dr. Jason Smith is assistant professor of forest pathology in the School of Forest Resources and Conservation at the University of Florida. Jason conducts research and extension programs on diseases of trees and forest health. His research includes disease diagnosis, biology/epidemiology and developing disease-resistant trees. Before coming to Florida in 2006, Jason was a postdoctoral research associate in the Department of Plant Pathology at the University of Minnesota.

DAY 2: Wednesday, May 17, 2023

8:00 to 8:30 Continental Breakfast

8:30 – 9:30
Managing Mature Trees in Urban Landscapes
Norm Easey, Florida Chapter ISA

9:30 – 10:15
The Tree Disease Diagnosis Process
Dr. Jason Smith, UF Asst. Professor, Forestry Resources

10:15 – 10:30 Break

10:30 – 11:00
Common Southeast US Tree Diseases & How to ID Them
Dr. Jason Smith, UF Asst. Professor, Forestry Resources

11:00 – Noon
Evaluating and Managing Risk in Trees
Dr. Andrew Koeser, UF Asst. Professor, GCREC

Noon – 1:00 Lunch (provided)

1:00 – 1:45
Tree Planting
Dr. Andrew Koeser, UF Asst. Professor, GCREC

1:45 – 2:30
Arboriculture Standards: Cabling, Lightning, Pruning, Fertilization & More
Dr. Tom Smiley, Bartlett Tree Experts

2:30 – 3:15
Tree Fertilization
Dr. Tom Smiley, Bartlett Tree Experts

3:15 – 4:00
Cabling, Bracing & Lightning Protection
Dr. Tom Smiley, Bartlett Tree Experts

4:00 Day 2 ends, sign for CEUs

Please dress for your comfort level;
we cannot always control the room temperature to suit everyone.



2 attendance options:
- IN-PERSON (max 80)
- OR
- ZOOM

ARBORICULTURE SHORT COURSE: an Entry-Level 2-Day Tree School

2 FULL DAYS: MAY 16 & 17, 2023

In-person: UF-IFAS Orange County Extension
6021 S Conway Rd, Orlando, FL 32812
OR Virtual via ZOOM:

CEUs: ISA - 12.25 BCMA - 2(M) 6.5(P) 3.75(S) FNGLA - 16 LIAF - 8 LA - 12.25 (course 0011839)

DEVELOPED FOR novice arborists, perfect for arborists studying for the ISA Certification exam.

Send us your new employees and we will teach them the basics of arboriculture.

Also for urban foresters, consultants, landscape architects, landscape contractors,
horticulturists, nursery operators, HOA managers.

Interact with some of the finest educators in the country in their chosen field of expertise and bring home new skills you can use next week in your place of business. The course is designed for landscapers, contractors, landscape architects, consultants, arborists, urban foresters, nursery operators, master gardeners, HOA managers and anyone in the green industry desiring to enhance their understanding of how trees work and what treatments are appropriate.

Indoor presentations will be enhanced by outdoor field exercises and demonstrations where appropriate. Some hands-on experiences will be available. Attendees will see and touch common and new tools used in many aspects of arboriculture. You will come away from this in-depth experience with a new insight into how trees work and why treatments work.

Beginners with little tree knowledge will come away with a solid understanding of trees. We focus on the scientific basis of tree care and will offer all the latest technology and approaches to solving complex tree challenges. This course will also aide those wishing to take the ISA Certified Arborist exam.

MARK YOUR CHOICE:

2 days in-person in Orlando 2 days virtual via Zoom (please register each person w/ unique email address)

* **GROUP DISCOUNT!** Register 5 people, the 6th person attends FREE!

1 _____ 2 _____

3 _____ 4 _____

5 _____ 6 FREE _____

Member Number (to get mem pricing) _____ Company _____

Address _____ City/State/Zip _____

Phone _____

Email (for sending a receipt and zoom link to each person) _____

_____ # of vegetarians in your group

ISA Members & Guests . . . \$325 each x _____ = \$ _____ (up to 5 guests at member rate)

Non-member. \$365 each x _____ = \$ _____

LATE REGISTRATION FEES between May 9-11: ADD \$40/person for the 2-day event.

ALL AT-THE-DOOR REGISTRATION FEES - after May 11 call office to check on availability: \$410/person

Cancellation refunds honored if requested 7 days before each seminar. Attendee substitutions will be honored.

Register online, Link at: www.floridaisa.org

Register by mail: Florida Chapter ISA 7853 S Leewynn Court - Sarasota, FL 34240
FEIN #65-0667299

Register by fax: 941-342-0463

Questions? Call: 941-342-0153

Credit Card Information: Print clearly, all information is required

Visa, MasterCard, Discover, American Express

Card Number _____

Expiration Date _____ Security Code (3 or 4 digits) _____

Exact name on card _____

Card billing address _____

Card billing City/State/Zip _____

ARBORICULTURE SHORT COURSE: an Entry-Level 2-Day Tree School

an in-depth experience

May 16 & 17, 2023

Two attendance options:

- **In-person in ORLANDO: UF-IFAS Orange County Extension**
 - **Virtual: via ZOOM**

CEUs: ISA - 12.25 BCMA - 2(M) 6.5(P) 3.75(S)
FNGLA - 16 LIAF - 8 LA - 12.25 (course 0011839/provider 0004488)

ARBORICULTURE SHORT COURSE: an Entry-Level 2-Day Tree School
In-person in Orlando (max 80)
or Virtual via ZOOM (max 100)

941-342-0153

Sarasota, FL 34240

7853 S Leewynn Court

Florida Chapter ISA