








# GREEN & GROW N' 23 Education

**Specialty Classes and Certifications** | All programs take place at the Sheraton Greensboro at Four Seasons. Gain marketable skills and career-boosting credentials. Advance registration required.

Schedule is subject to change.

MONDAY, JANUARY 16 Lunch served at 11:30 AM	
8:30 AM-4:30 PM	<b>Designing the Environmentally Responsive Landscape — A Nature Inspired Approach *NEW*</b> <i>Biltmore Meeting Room</i> Dr. Richard Ludwig Bill Slack  PENDING  APPROVED
8:30-11:30 AM	<b>Are All Lighting Systems Created Equal and Why Does it Matter? *NEW*</b> <i>Auditorium II</i> Jason Shanabarger, Unique Lighting  PENDING  APPROVED
1:00-5:00 PM	<b>Principles of Pruning: From Theory to Topiary *NEW*</b> <i>Auditorium II</i> Bryce Lane, Teacher, Speaker, Horticulturist  APPROVED
1:00-5:00 PM	<b>NC Certified Plant Professional Exam</b> <i>Auditorium III</i>

TUESDAY, JANUARY 17 Lunch served at 11:30 AM	
8:30 AM-5:00 PM	<b>NC Commercial Pesticide Applicator Training School</b> <i>Auditorium IV</i> Ben Grandon, NCSU Extension Associate Tyler Harran, NCDA&CS Pesticide Section Inspector Tom Bowman, NCSU Extension Associate Esther Morris, NCSU Extension Assistant Wayne Buhler, NCSU Professor  APPROVED

WEDNESDAY, JANUARY 18 Lunch served at 11:30 AM	
8:30-11:30 AM	<b>NC Commercial Pesticide Applicator Training School</b> <i>Auditorium IV</i> Ben Grandon, NCSU Extension Associate Tyler Harran, NCDA&CS Pesticide Section Inspector Tom Bowman, NCSU Extension Associate Esther Morris, NCSU Extension Assistant Wayne Buhler, NCSU Professor  APPROVED
1:00-5:00 PM	<b>NCDA&amp;CS Pesticide Exam</b> <i>Auditorium IV</i>

**Professional Credits (CEU) Key** Attend the sessions of your choice to earn continuing education credits toward state or national accreditations. Look for the icons below.

- **LC** Landscape Contractor License (NC) — Technical CEU
- **NALP** National Association of Landscape Professionals — Landscape Industry Certified
- **LCB** Landscape Contractor License (NC) — Business CEU
- ▲ **SAF** Society of American Foresters — Certified Forester
- **LA** Landscape Architect License (NC)
- ▲ **CPP** Certified Plant Professional
- **IC** Irrigation Contractor License (NC) — Technical Irrigation CEU
- Earn CEUs when you walk the Marketplace floor:**
- **ICB** Irrigation Contractor License (NC) — Business CEU
- (1) ● (2)
- **PA** Pesticide Applicator License (NC)
- See pg. 25 for additional details.
- **ISA** International Society of Arboriculture — Certified Arborist

## Monday, January 16

### Designing the Environmentally Responsive Landscape — A Nature Inspired Approach

8:30 AM – 4:30 PM



Dr. Richard Ludwig  
Bill Slack

(Pending: ISA; Approved: LC-5, NALP-8, SAF- 7.0 Cat. 1, CPP-8, LA-7.5)

This full-day, hands-on workshop is for green industry professionals wishing to create stunning and earth-friendly designs. This residence-centered course focuses on weaving ecologically sound concepts into traditional residential landscape design. Additionally, basic graphics instructions will be provided during this course to show attendees how to efficiently communicate their ideas boldly on paper. An in-depth, interactive discussion of curvilinear based drift designing will be included, as well.

The following materials will be provided: circle template, drafting pencils (8B, HB, 4H), eraser, erasing shield, flexible curve, French curve, tracing paper, gridded vellum.

**Monday, January 16**

## Are All Lighting Systems Created Equal and Why Does it Matter?

8:30 AM - 11:30 AM



Jason Shanabarger, Unique Lighting

(Pending: LA; Approved: LC-3, NALP-3, CPP-3)

Adding lighting can take a landscape from boring to exceptional...if you know what you're doing. This hands-on workshop will expand your knowledge of lighting design by highlighting the current trends in the industry and the options available in the market. Attendees will learn proper wiring techniques and how to troubleshoot common lighting issues. Before the end of the workshop, attendees will learn how properly use night photography to expand their portfolio, ultimately attracting new clients.

**Monday, January 16**

## Principles of Pruning: From Theory to Topiary

1:00 PM - 5:00 PM



Bryce Lane, Teacher, Speaker, Horticulturist and Host of "In the Garden with Bryce Lane"

(Approved: LC-4, LA-4.0, ISA-Certified Arborist: 3.75, BCMA - Practice: 3.75, TW Climber Specialist: 3.75, TW Aerial Lift Specialist: 3.75, NALP - 4, SAF- 4.0 Cat. 1, CPP-4)

Pruning is a cultural practice is based on scientific principles and artistic creativity. This workshop is designed to equip landscape professionals with the essential pruning information needed to create the best landscapes possible. Theory, tools, technique and timing of plant pruning is key to any thriving landscape. The session will also cover unique and historical pruning techniques, including topiary, pollarding, espalier, coppicing, pleaching, and formal hedge pruning that may be ideal for the landscapes they create and maintain.

**Monday, January 16**

## NC Certified Plant Professional Exam

1:00 PM - 5:00 PM

The North Carolina Certified Plant Professional Certification is a written and plant identification exam that seeks to recognize proficiency in the green industry's workforce, upgrade the status of industry professionals and provide the public with a means of identifying qualified green industry professionals. All exam takers must be approved to sit for the exam prior to Green & Growin'.

**Tuesday, January 17 and Wednesday, January 18**

## NC Commercial Pesticide Applicator Training School

Day 1: 8:30 AM - 4:45 PM

Day 2: 8:30 AM - 11:30 AM

Day 2, Exam: 12:30 PM - 5:00 PM

(NC Pesticide Applicators Licensing Exam administered by NCDA&CS, separate exam fee required)



Ben Grandon, NCSU Extension Associate

Tyler Harran, NCDA&CS Pesticide Section Inspector

Tom Bowman, NCSU Extension Associate

Esther Morris, NCSU Extension Assistant

Wayne Buhler, NCSU Professor

(Approved: LC-4, ISA-Certified Arborist: 9.5, BCMA - Science: 4, BCMA - Management: 5.5, NALP- 9.5, SAF- 3.5 Cat. 1/ 3.0 Cat. 2, CPP- 9.5)

The school takes place over a 1 1/2-day period and reviews pesticide material (manuals) so that attendees may be better prepared to take the NCDA&CS pesticide exams, NC State Extension Specialists, County Extension Agents, and NCDA&CS Pesticide Inspectors present lessons from the Pesticide Education Program's manuals and answer questions or offer clarification on issues that applicators face.

## 2023 License Requirements

Proof of Attendance forms will be provided for each session attendees scan into within 30 days of the show closing; a link to these forms will be emailed to attendees. The information provided was extracted from the corresponding licensing boards' websites, for current licensing requirements, please contact your licensing board.

### NC Landscape Contractors

- All licensed landscape contractors must personally complete seven (7) hours of Board Approved Continuing Education per year. Three (3) of seven (7) CE credits must be "landscape (technical)" credits and two (2) of seven (7) must be "business" credits. The remaining two (2) may be either landscape or business.
- For more info, visit [nclclb.com](http://nclclb.com)

### NC Irrigation Contractors

- Licensees are required to earn ten (10) continuing education credits each year, six (6) irrigation and four (4) business.
- For more info, visit [nciclb.org](http://nciclb.org)

### NC Landscape Architects

- In order for a licensee to qualify for license renewal as a Landscape Architect in North Carolina, the licensee must have completed ten (10) contact hours of approved continuing education within the previous renewal period.
- For more info, visit [ncbola.org](http://ncbola.org)
- At the time of publishing, all pending LA credits will be reviewed by the NCBOLA on January 31, 2023.

### NC Pesticide Applicators

- The type of credits each session is approved for is listed under the individual session (D, L, etc.)
- For more info, visit [ncagr.gov](http://ncagr.gov)

### Out of State Pesticide Applicators

- Several of our pesticide credits have been approved by out-of-state licenses. Please contact [education@ncnla.com](mailto:education@ncnla.com) to confirm the approved sessions for non-NC licenses.

### International Society of Arboriculture

- The type of credits each session is approved for is listed under the individual session (Certified Arborist, Municipal Specialist, etc.)
- At the time of publishing, all pending ISA credits are still under review by the ISA.
- For more info, visit [isa-arbor.com](http://isa-arbor.com)

### Society of American Foresters

- Candidate Certified Forester's (CCF) must complete 15 CFE credit hours annually.
- Certified Forester's (CF) must complete 60 CFE credit hours within a three-year period.
- For more info, visit [eforester.org](http://eforester.org)