

Nonprofit Organization  
US Postage  
**PAID**  
New Brunswick, NJ  
Permit No. 153

Please register me for the following:

Course Code      Name      Date      Fee

**NJAES Office of Continuing Professional Education**

Rutgers, The State University of New Jersey  
102 Ryders Lane New Brunswick, NJ 08901-8519  
Ph: 732.932.9271 Fax: 732.932.8726  
Email: ocpe@njaes.rutgers.edu

Name      Name Tag

Job Title      Employer

Mailing Address

Zip      City

Work#      Home#      Fax#

Cell#      Email

**Method of Payment**

Check, money order or Purchase Order

Charge to my credit card     Visa     Mastercard     AMEX

Cardholder's Name (printed)

Signature of Cardholder

Card #

Exp. Date

Billing Zip

**YES**, I want to be informed about courses and related information through periodic messages from Rutgers via: (check all that apply)  email     fax

**We will never sell, rent or exchange your contact information with a 3rd party.** To unsubscribe and be removed from our list, contact us at ocpe@njaes.rutgers.edu or by fax 732.932.1187 or phone 732.932.9271.

**RUTGERS**

New Jersey Agricultural  
Experiment Station

Office of Continuing Professional Education

<h2 style="margin: 0;">Repair and Maintenance of Golf Course Irrigation Systems</h2>	
<h2 style="margin: 0;">December 14 &amp; 15 2009</h2>	

**Pesticide Calibration**  
January 29, 2010

**Turfgrass Disease Management**  
March 11, 2010

**Repair and Maintenance of Golf Course Irrigation Systems**

December 14 & 15, 2009  
Early fee: \$495

Course code: AT0306CA10  
Fee: \$545 (after 1/30/09)

When your irrigation system breaks down in the heat of summer, there's no time for on-the-job training. To avoid the cost and damage of a malfunctioning system, you need to diagnose the problem and repair it immediately.

Certified Irrigation Specialist **Bob Dobson** shows you how in this hands-on, two-day course. Our course will give you a better understanding of the piping, wiring and other components that make up your irrigation system. The course will focus on the information that you need to know, including:

- Integral components of any irrigation system.
- Proper techniques for lateral and mainline pipe repairs.
- How to efficiently transition from one type of pipe to another.
- Electrical, communication and computer control wiring.
- Seasonal maintenance and winterization programs.

The course will also target troubleshooting techniques that will let you quickly and efficiently find a problem – and get it fixed so you are back in operation and ready to meet any irrigation challenge that comes your way! This course will be invaluable to anyone involved in keeping turf healthy and playable.

Whether you maintain an older system filled with quirks or a new, state-of-the-art system or are working towards the installation of your first system, this course will provide you with a complete understanding of how and why things work the way they do.

**Pesticide Calibration**

January 29, 2010  
Early fee: \$195

Coursecode:AL0404CA10  
Fee: \$225 (after 1/15/10)

Like it or not, sometimes you just have to do the math! And this class will help make your math problems more painless and error-free. Anyone who measures, mixes or calibrates pesticides or fertilizers needs to do the mathematical gymnastics of calculating and converting. Conversions like: acres into square footage (application area), pounds or ounces of material (chemical amount) to amount of active ingredient (percentage active ingredient), ounces per second into gallons per minute (flow rates), feet per second into MPH (speed of applicator.) That's a lot of math and a lot of margin for error for one application, and a single mistake at any stage could turn an emerald green lawn into a barren, burned out eyesore. Learn how to avoid these mistakes in our full-day course.

**Turfgrass Disease Management**

March 11, 2010  
Early fee: \$195

Course code: AT0403CA10  
Fee: \$225 (after 2/25/09)

This one-day class focuses exclusively on the major turf diseases you will battle in the field. **Rich Buckley**, of the Rutgers Plant Diagnostic Lab, will teach you how to identify and control turf diseases from Dollar Spot to Pythium Blight. Rich emphasizes an integrated pest management approach to identify and alleviate the cause of the problem, rather than repeatedly treating its symptoms.

**Colleague comments about instructor Rich Buckley:**

*"Rich's class style is the best"*

*"Rich makes learning about disease easy"*

*"His real life stories keep you interested and engaged"*

www.cpe.rutgers.edu

732.932.9271

www.cpe.rutgers.edu

732.932.9271

www.cpe.rutgers.edu

### Basics of Turfgrass Management

December 17, 2009 Course code: AT0406CA10  
Early fee: \$145 Fee: \$175 (after 12/04/09)

This one-day program is a must for anyone who is involved with the lawn care industry. The program will cover all the basics, including prevention and control of turf pests, steps to establishing a new lawn, and how to troubleshoot turf problems.

#### Recertification Credits

NJ/CT - 6units 3B,PP2; NY - 3units 3A,3B,25; PA - 4units 07,18,23

### Turfgrass Establishment

December 18, 2009 Course code: AT0406CB10  
Early fee: \$195 Fee: \$225 (after 12/04/09)

This one-day course offers specific instruction on how to successfully establish turfgrass. Using a combination of classroom lectures and hands-on field demonstrations, you will explore soil testing, seeding rates, irrigation rates, and weed control.

#### Recertification Credits

NJ/CT - 6units 3B,PP2; PA - 3units 07,18,23

Take this course & **Basics of Turfgrass Management** for only \$295!

### Lake Management

November 5 and 6, 2009 Course code: EW0301CA10  
Early fee: \$345 Fee: \$375 (after 10/22/09)

If you want your lake management efforts to be successful you need a technically sound foundation to properly investigate and diagnose water quality problems and to develop cost-effective, long-term restoration plans. This course will teach you how to monitor water quality, identify problem algae and aquatic plants, and select the correct types of lake rehabilitation measures.

- GCSAA Recertification Credits available

### Hazardous Tree Identification

December 14, 2009 Course code: AL0803CA10  
Early fee: \$245 Fee: \$275 (after 11/30/09)

Hazardous trees pose a double danger. They are touch to recognize and they can be costly - and even deadly - if not managed before an avoidable accident happens. In this one-day course, Certified Tree Experts, **Ted Szczawinski** and **Steve Chisholm**, will talk you through the step-by-step process of identifying a hazard, dealing with the hazard and properly documenting your finding and any work performed. This course offers credits for ISA Certified Arborists and Community Foresters as well as 5 technical hours for Certified Public Works Managers.

### Pesticide Safety for the Landscape Contractors

January 19, 2010 Course code: AL0404CA10  
Early fee: \$195 Fee: \$225 (after 1/5/2010)

Join us for an entirely new flavor of Pesticide Safety Training. This one-day course uses hands-on and interactive exercises to help weave safety procedures into your daily routine. You will cover useful sprayer calibration tips and procedures, daily truck inspection practice on a real spray rig, and a material safety review. Since CORE recertification is required, wouldn't you rather attend a course that will get you out of your seat and let you practice what other courses just describe? If this sounds good to you, come out to our course and break away from the normal avenue of CORE recertification.

Seminar volunteer demonstrating proper clean-up technique for a dry spill.

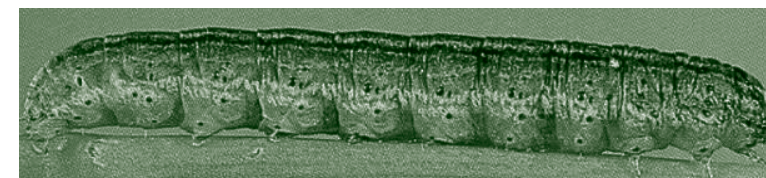


### Managing Turfgrass Insects

February 2, 2010 Course code: AT0407CA09  
Early fee: \$195 Fee: \$225 (after 1/15/10)

This one-day, hands-on course will review common insect pests within our region and their natural enemies in landscape turf. You will learn to successfully identify turfgrass insects and the damage they can cause. This stimulating course will improve your ability to assess the severity of an infestation and select the right control measures based on the insects' biology.

This course is taught by **Dr. Albrecht Koppenhofer**, an extension specialist at the New Jersey Agricultural Experiment Station.



Can you name this pest?

Find the answer below

### Irrigation Systems: Scheduling

March 5, 2010 Course code: AL0604CA10  
Early fee: \$245 Fee: \$275 (after 2/19/09)

Over-watering by unskilled hands can kill plants and ruin landscapes even more quickly than droughts brought on by Mother Nature. In this class, instructor **Bob Dobson** introduces the "checkbook method" of irrigation scheduling, which operates just like deposits and withdrawals in your bank checking account. In irrigation, deposits are made by rainfall, withdrawals are made by ET (evapotranspiration) and your opening balance is your current soil moisture level. You will learn the four key elements of efficient irrigation systems and how to calculate sprinkler run times and create irrigation schedules.

#### Colleague comments about instructor Bob Dobson:

*"Bob gives you everything you need to know."  
"Bob's a real world professional with real world solutions."*

For **Recertification Credit** information Contact  
Karen Tizzano at (732) 932-9271 ext.. 625 or ktizzano@rci.rutgers.edu.

#### - FOUR CONVENIENT WAYS TO REGISTER -

- Phone:** 732.932.9271, M-F 8AM - 4:30PM. Please have your Visa, Mastercard or AMEX number ready.
- Fax:** 732.932.8726, 24 Hours. Please include credit card information or copy of your check, money order or purchase order with your fax.
- Mail:** Registration Desk, NJAES Office of Continuing Professional Education, Rutgers University, 102 Ryders Lane, New Brunswick, NJ 08901-8519. Please make check payable to: **Rutgers University**
- Web:** Please visit our website at: www.cpe.rutgers.edu for information.

**Payment Policy** - All students must have prearranged for payment to be admitted to the class (purchase order, check, VISA, Mastercard, American Express or money order).

**Refunds** - You may withdraw from this course with a full refund (minus a processing fee) provided our office is notified at least three (3) full working days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee. **Substitutions are welcomed.**

**NOTE** - Unless otherwise specified, continental breakfast and lunch are included in your registration fee(s). Textbooks are not included. You may obtain copies on your own, or through our office with your registration.