January 9, 2012 through January 27, 2012

New Brunswick, New Jersey

Look inside for:

- **Golf Course Irrigation.** Dec. 12 & 13, 2011
- **Lake Management.** Nov. 17 & 18, 2011
- **Identifying Hazardous Trees.** Nov. 19, 2011
- **Pesticide Calibration.** Feb. 1, 2012
- **Turf Disease Management.** March 9, 2012
- **Small Engine Repair.** March 14, 2012
Course Description and Objectives

With the right skills, tools, and work ethic, you can build a rewarding career in golf turf management. This intensive Three-Week Professional Golf Turf Management School provides the specialized skills you need to become a more informed and technically sound turfgrass manager by:

- Developing a better understanding of the science behind good cultural practices
- Refining and improving your managerial and leadership skills and communicating more effectively with your staff, your supervisors and your customers
- Becoming familiar with turf research and support services at Rutgers University, including soil and plant testing labs, to improve your productivity
- Developing contacts and exploring career opportunities in turfgrass management by plugging into an active network of colleagues and alumni at Rutgers

Who Should Attend and Why

Greenskeepers and laborers will earn the skills and credentials needed to move up the career ladder.

Superintendents and assistant superintendents will better understand the science behind sound turf management and gain new insights into managing golf course personnel.

Golf course forepersons will learn the wide range of skills needed to become the reliable eyes and ears of the superintendent on the course, as well as new ways of motivating their crews.

Irrigation technicians and mechanics will expand their knowledge, range and value by learning new agronomic and personnel management skills.

Golf course architects, construction specialists, course owners, and club managers will value our focused content and learn broad turf management skills in minimum time.

Career changers will discover that the turf management field is filled with leaders who chose to work outside, amidst the game they love. This course can open doors to high-level internships.

Meet Your Instructors

Bruce Neary provides high-energy, high-volume daily coordination for this course. With a Bachelor’s degree in Ornamental Horticulture from Rutgers and a Masters degree in Agricultural Science from Texas A & M, Bruce combines an active teaching style with a gift for clearly communicating complex ideas.

You will also work with these Rutgers faculty and staff: Richard Buckley, Joseph Clark, Dr. Bingru Huang, Dr. Richard Hurley, Daniel Kluchinski, Dr. Albrecht Koppenhofer, Edward V. Lipman, Jr., Dr. William Meyer, Dr. James Murphy, Brad Park, and Sabrina Tirpak.

You’ll also learn from these industry experts: Chris Carson on Management; Bob Dobson on Irrigation Troubleshooting, Stephen Kay on Golf Course Design; Steve Kristoph on Plant Identification; Steve Souza on Pond Management, and many others.
Course Content

**Golf Course Construction:** Design principles and their impact on construction. Contours, slopes, bunkers, ponds, cart paths, and greens, as well as costs, scheduling, and contracts.

**Irrigation Principles:** Components, installation and repair, including sprinklers, nozzles, valves, wiring, pipes, control system components, winterization and spring set-up.

**Plant Science and Landscape Management:** Proper planting and procedures, basics of landscape design, identification and selection of shade trees, deciduous shrubs and groundcovers.

**Managing Golf Course Employees:** Learn how to assess your leadership style, as well as understand leadership dynamics, motivational strategies and strategic planning.

**Soil, Fertility and Drainage:** Understanding physical, chemical and biological properties of soils, identifying and assessing fertilizer needs as well as drainage and aeration.

**Turfgrass Diseases, Insects and Weeds:** These three topics alone are worth the time and investment in the course. Strong focus on identification and control strategies.

**Turf Establishment and Renovation:** Establishing and renovating turfgrass, including seeding sprigging, and sodding. Introducing new cultivars on greens, fairways, and tees.

**Management and Maintenance:** Mowing, watering, fertilizing, cultivation, and controlling thatch to maintain a great playing surface while minimizing costs.

**Turf Morphology and Agronomic Principles:** Turf identification, morphology, and development, as well as selection of grasses, seed production, seed certification and breeding.

**Mowing Heights and Machinery Maintenance:** Hands-on instruction to select the proper machinery for the correct cutting height for different equipment and situations.

**Financial Management:** Principles, strategies and tools to develop and maintain accurate budgets.

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**Consistently Rated EXCELLENT by Your Colleagues**

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Visit us online - www.3-week-turf.com
Repair & Maintenance of Golf Irrigation Systems.  
December 12 & 13, 2011  
Bob Dobson, one of the nation’s leading golf course irrigation designers, leads this two-day course.

- Repair techniques for lateral and mainline pipe repairs
- Efficient transition from one type of pipe to another
- Wiring – including electrical, communication and computer control applications
- Seasonal maintenance and winterization programs
- Quickly diagnosing and troubleshooting repairs.

Registration fee: $395 if received before Nov. 28th, or $435 after.

Lake Management.  November 17-18, 2011  
Your ponds and lakes may be the most visible feature on your course.  This two-day course will teach you how to monitor water quality, identify problem algae and aquatic plants, and select the right rehabilitation strategies to correct, protect, or enhance your liquid assets.

Registration fee: $375 if received before Nov. 3 or $395 after.

Hazardous Tree Identification.  Nov. 29, 2011 OR March 1, 2012  
Trees are not just part of the golfing experience; they are a critical risk management factor. Hazardous trees can be tough to recognize and they can be costly – and even deadly – if not managed before an avoidable accident happens. Learn the step-by-step process of identifying a hazard, correcting it, and documenting your work for legal protection.

Registration fee: $245

Small Engine Repair.  March 14 OR March 19, 2012  
“I love a class where I can get my knuckles bloody,” commented one impressed attendee.  If you like to learn by getting your hands dirty, this one-day class provides repair tips you can use immediately.  Registration fee: $295 if received before Feb. 29, or $345 after.

If you want to dig deeper into engine repair, take the two-day Advanced Engine Repair class on March 15 & 16 to do a complete “tear down” and rebuild of a 4-cycle Kohler engine.

Your job depends on getting pesticide math right.  With his step-by-step instruction and guidance, Joe Clarke makes the math of mixing, measuring and calibrating more clear and understandable.

Registration fee: $195 before Jan. 18, or $225 after.  Call Karen Tizzano at 732-932-9271 ext. 625 for details.

Turfgrass Disease Management.  March 9, 2012  
Designed and taught completely by Rich Buckley, this class is full of practical tips for preventing, identifying and controlling turf diseases.  Registration fee: $195 before Fe. 24, or $225 after.

Or choose from 40 other courses at www.cpe.rutgers.edu/landscape

Further your career by attending the Rutgers Professional Golf Turf Management School. Contact Fran Koppell at koppell@rci.rutgers.edu or call (732) 932-9271 ext.637 or visit www.golfturf.rutgers.edu.
Paid registrations received by Dec. 28, 2011 will be eligible for the early registration fee of $1,495. A discounted fee of $1,395 per person is available for organizations that send two or more people if received before Dec. 28, 2011. The fee for all registrations received after Dec. 28 is $1,545.

**Phone**  (732) 932-9271 ext. 630, M-F, 8am to 4:30pm — VISA, MasterCard or American Express accepted.

**Fax**  (732) 932-8726 — Enclose a copy of your check, money order, purchase order or credit card information.

**Mail**  Registration Desk, NJAES-OCPE, Rutgers University, 102 Ryders Lane, New Brunswick, NJ 08901-8519

**Refunds**
You may withdraw from this program with a full refund less a $35 processing fee, provided you notify our office by Jan. 4, 2012. After that date, you may be responsible for the full registration fee if you register and do not attend. Substitutions are always welcome.

**Certificates and CEUs**
On the final day of class, an *optional* written examination will be administered to those wishing to receive a *Certificate of Distinction* or *Certificate of Successful Completion*. Those who do not take this examination will receive a *Certificate of Attendance*. Class times run from 9am to 3pm, M-F. One Continuing Education Unit (CEU) is defined as ten contact hours of participation in an organized continuing education experience. You will receive 7.5 CEUs for completion of this course.

**Housing Information**
Rutgers Three-Week Turf Management students qualify for discounted housing at several local extended-stay hotels and apartment complexes. To save more, we can connect you with other students seeking housing. For sites and rates, please visit [www.3-week-turf.com](http://www.3-week-turf.com) or call Casey Noon at 732-932-9271 ext. 606.

For further information on the [Three-Week Professional Golf Turf Management School](http://www.3-week-turf.com), please contact Casey Noon at noon@njaes.rutgers.edu or call (732) 932-9271 ext. 606.

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**Here’s What Your 3-Week Colleagues Said:**

“The instructors here at Rutgers truly care about helping each student fulfill their dreams in the golf industry. Because of my experience here, I have been able to go further than I had ever dreamed with my passion in turf. They have all been as dedicated to helping me get there as I have. THANK YOU!”

*Jesse Shannon*
Superintendent, Manhattan Woods County Club

“I cannot think of one thing from the course that would not help me in my job.”

*Mark Jones*
Bear Creek Golf Club, Westminster, MD

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*Jesse and Mark are two of more than 60 3-Week Turf graduates to complete the Two-Year Rutgers Professional Golf Turf Management Program.*
Three-Week Professional Golf Turf Management School

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See inside for more courses, including Golf Course Irrigation Dec. 12 & 13, 2011