

1766-2016
RUTGERS
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Revolutionary for 250 Years



Bay Harbor Golf Club Clubhouse, Petoskey, MI | Photo: Kurt Fisher, 2011 Graduate



RUTGERS

Professional Golf Turf Management School

TWO-YEAR CERTIFICATE PROGRAM

Fall Session: October 4 - December 16, 2016

Winter Session: January 4 - March 17, 2017

Presented by:
NJAES Office of Continuing Professional Education
together with the Rutgers Center for Turfgrass Science

**GROW YOUR CAREER -
APPLY TODAY!**



Old Hickory Golf Club, Beaver Dam, WI | Photo: Brandon Schegetz, 2017 Graduate (anticipated)

WHO WE ARE

The Rutgers Professional Golf Turf Management School is a world-class learning center that has trained thousands of successful greenskeepers in the art and science of golf course management. Our team of instructors includes both distinguished faculty and acclaimed industry professionals. Designed to fit conveniently around your work schedule, our programs consist of classroom lectures, hands-on field training, and real-world experience via paid internships. Our esteemed alumni lead the industry and work at top golf courses all around the world. Most importantly, our focus is on practical knowledge and skills that will help YOU achieve your career goals.

WHY CHOOSE RUTGERS?

CAREER ADVANCEMENT - Over 4,700 golf turf professionals, from all 50 states and 18 countries, have graduated from our two-year certificate program since 1962. More than 730 of these alumni are currently working as golf course superintendents or leaders in related turfgrass careers. Plus, an additional 600+ Rutgers turf alumni are assistant superintendents worldwide. Add this widely respected credential to your resume to grow your career.

CONVENIENCE - Our two ten-week classroom sessions are sandwiched around a 9-month break, during which you must complete a paid 200+ hour internship. Designed to minimize your time away from work and home, this is a great opportunity to quickly attain the education you need without breaking the bank or putting your career on hold.

LOCATION - Classroom learning will be held in New Brunswick, NJ at the Ralph Geiger Turfgrass Education Center and Holly House. Located adjacent to our turfgrass research complex and nestled within a world-renowned collection of American hollies in the Rutgers Display Gardens, these treasures become an extension of your classroom.

NETWORKING - Become part of our prestigious network of Rutgers turfgrass alumni. Throughout your career, whether you are searching for a job for yourself, looking to hire someone for your greens team, or have technical questions, the Rutgers alumni network will serve you as an invaluable resource.

PRACTICAL CONTENT - Learn what you need to keep your course at peak playability and achieve your most lofty career goals. Our certificate program will refine and develop your technical skills that are immediately useful on the job. You'll learn the science behind turfgrass management and how to implement real-world solutions to any challenges that come your way.



Turf I Class with instructor, Joe Clark, Fall '15

CURRICULUM

APPLIED GOLF COURSE MANAGEMENT

- Budgeting and Financial Management
- Golf Course Construction
- Growth Regulators
- Introduction to Soil Fertility
- Irrigation Principles
- Landscape Design
- Landscape Management
- Mathematics for Golf Course Superintendents
- Mower Technology and Reel Grinding
- Principles of Golf Course Design
- Stress Physiology
- Surveying
- Tournament Preparation Strategies
- Turfgrass Maintenance and Establishment

CRITICAL THINKING FOR SUCCESS

- Case Studies in Turfgrass Management
- Regional Concerns
- Turfgrass Work Experience

PEST MANAGEMENT

- Insect and Disease Laboratory
- Insects and Diseases of Ornamental Plants
- Principles of Integrated Pest Control
- Turfgrass Disease Identification
- Turfgrass Insects and Weeds

PLANT BIOLOGY

- Agronomic Characteristics of Turfgrass Species and Varieties
- Botany of Turfgrass and Ornamentals
- Landscape Plants
- Ornamental Grasses
- Plant Physiology
- Turfgrass Identification and Development

MANAGEMENT OF GOLF COURSE PERSONNEL

- Effective Business Communication
- Managing Your Golf Course Employees
- Professional Development

HANDS-ON TRAINING - Hands-on training in our on-site workshop and greenhouse demonstrates concepts learned in the classroom. You will have the chance to participate in soil tests, reel grinding demonstrations, plant identification walks, sprayer calibration, spreader training, irrigation pipe fitting, disease identification using microscopes, and more.

FIELD TRIPS - During your two ten-week sessions at Rutgers, you will visit some of the world's most highly-rated golf courses, including Baltusrol Golf Club, Pine Valley Golf Course, and Trump National Golf Course in Philadelphia. You will also tour the United States Golf Association (USGA) Museum and Archives and go "behind the scenes" in their testing laboratory.

REQUIRED INTERNSHIP - Students are required to complete 200+ hours of field experience (paid internship) following their first 10-week session in the program. You may complete your internship in your current position or we can help you locate an internship. Requirements for all internships include maintaining a daily log of activities and participating in various cultural practices. Students present their field experience activities in written and oral reports during their second 10-week session.

FOR CURRICULUM DETAILS: www.golfturf.rutgers.edu/CURRICULUM



Turf I Class with instructor, Marie Pompei, in the Greenhouse, Fall '15

LEARN FROM THE BEST

To give you the most practical education possible, we have gathered the best turf instructors from both the academic community and the golf turf industry. Our acclaimed team of instructors includes distinguished Rutgers professors, who conduct leading turfgrass research, on topics such as breeding improved turfgrass species that are pest resistant, stress tolerant, and drought resistant. You'll receive personalized attention from these renowned Rutgers professors, as well as from established superintendents, expert plant diagnostic specialists, industry-leading irrigation contractors, and prominent turf consultants. Dedicated to your education, our teachers work tirelessly to make sure you have a complete understanding of the information you need. You'll leave Rutgers able to make effective decisions to prevent and solve issues on your golf course. Plus, you will always have the Rutgers team at your fingertips to leverage as a resource throughout your career.

OUR FOUNDER, OUR ROOTS

Fifty-four years ago, Dr. Ralph Engel, a highly respected teacher, researcher, and extension specialist, wanted to provide a creative learning environment where golf course employees could build their skills and knowledge in the ever-changing science of golf turf management. He believed in mentoring first, encouragement second and, finally, exposure to the finest educators. Part of Rutgers University — the eighth oldest college in the US and one of the nine “colonial colleges” founded before the American Revolution — The Rutgers Professional Golf Turf Management School continues to honor Dr. Engel's vision with our world-renowned learning center. We have helped thousands of greenskeepers advance their careers and become industry leaders. Now, we welcome you into this prestigious institution and network.

OUR LEADERSHIP TEAM

RUTGERS UNIVERSITY, SCHOOL OF ENVIRONMENTAL AND BIOLOGICAL SCIENCES

Dr. Robert M. Goodman, Executive Dean; Executive Director, NJ Agricultural Experiment Station (NJAES)
Dr. Larry Katz, Director, Rutgers Cooperative Extension

RUTGERS UNIVERSITY, OFFICE OF CONTINUING PROFESSIONAL EDUCATION

Kenneth Karamichael, Director
Fran Koppell, Senior Program Coordinator
Josh Honig, Student/Curricula Advisor

RUTGERS UNIVERSITY, CENTER FOR TURFGRASS SCIENCE

Dr. Bruce Clarke, Director
Dr. William A. Meyer, Associate Director; Faculty Advisor

MEET OUR DISTINGUISHED TEAM: www.golfturf.rutgers.edu/FACULTY



Village Club of Sands Point, Sands Point, NY | Photo: Mike Benz, 1993 Graduate

PROGRAM DETAILS

SCHEDULE AND DATES - Our intensive program is designed to fit conveniently around your work schedule. Class hours are scheduled from 9:00 a.m. to 3:00 p.m. on weekdays for ten (10) weeks. You have the option of attending in fall or winter. Program content and admission requirements for the fall and winter sessions are identical.

FALL 2016: October 4 - December 16, 2016

Students attending their first year in the Fall of 2016 will return for their second year in the Fall of 2017.

WINTER 2017: January 4 - March 17, 2017

Students attending their first year in the Winter of 2017 will return for their second year in the Winter of 2018.

ACADEMIC EXPECTATIONS AND ASSESSMENT - Your performance will be evaluated in each class based on a combination of examinations, term papers, projects, attendance and class participation. You should allow approximately 20 hours per week for class preparation. Certificates are awarded to all students who attend both semesters of class work, maintain a minimum GPA of 2.0, and complete a summer field internship.

TUITION - Tuition for each ten-week session is \$4,695 for New Jersey residents and \$4,895 for out-of-state applicants. Your second year tuition rate will NOT go up; it will remain the same as the previous year. Tuition must be paid in full prior to the beginning of each session. A late fee of \$250 applies after July 31, 2016.

Tuition is payable upon acceptance to our program by credit card (MasterCard, VISA, Discover or AMEX), certified check, or money order. No personal checks will be accepted.

FINANCIAL AID (Student Loans, Scholarships and More) - Our turf program qualifies for student loans that can cover the full cost of tuition and living expenses, including travel, lodging, and books. Lifetime learning tax credits and veterans benefits may also be available to you. Scholarships through Rutgers and outside organizations are also a great way to offset tuition costs.

STUDENT HOUSING - We provide a wide variety of discounted, off-campus housing options. You should budget between \$1,800 and \$6,000 for housing per each 10-week session. We are happy to help you secure housing and/or provide resources to connect you with other turf students looking for roommates.

FOR MORE PROGRAM DETAILS: www.golfturf.rutgers.edu/2YEAR



Rutgers' Undergraduate Students, 2015 GCSAA Turf Bowl Competition, San Antonio, TX | Photo: Instructor, Brad Park

CONSIDERING AN UNDERGRADUATE DEGREE?

Rutgers University and the Rutgers Center for Turfgrass Science (CTS) offer a four-year undergraduate program leading to a Bachelor of Science degree in Plant Biology with a Turfgrass Management or Turfgrass Science option. The Turfgrass Management option at Rutgers will help prepare students for employment as golf course superintendents, sports field managers, lawn and landscape professionals, sod producers, or for employment in allied fields within the green industry. The Turfgrass Science option prepares students to continue their education towards an advanced degree, such as a Masters of Science or Ph.D.

WHAT IS THE RUTGERS ADVANTAGE?

- Internationally recognized turfgrass program
- World-class faculty
- Focused turfgrass curriculum
- Low student/teacher ratios
- Strong faculty commitment to students
- Assistance with internship and job placement
- Excellent scholarship opportunities (over \$80,000 in scholarships each year)
- Flexible degree options
- Applied learning opportunities
- Outstanding educational facilities

WHY STUDY TURFGRASS MANAGEMENT?

Turfgrass is a multi-billion dollar industry in the United States. College degrees or specialized training are essential for the maintenance of golf courses, professional sports fields, parks, athletic field complexes, and high quality landscapes for businesses, homes, and communities. A major in turfgrass management would appeal to people interested in environmental enhancement and design, as well as the creation and maintenance of high quality recreational areas. Students in this major gain a strong understanding of the importance of turfgrass in land use, management, and development. The industry-wide demand for well-trained turfgrass managers with four-year degrees increases every year.

WHAT CAREER OPPORTUNITIES ARE AVAILABLE TO RUTGERS GRADUATES?

The turfgrass industry is vast and constantly expanding. If you love the outdoors or have a great appreciation for nature, check out the list below for exciting career possibilities in the field of turfgrass management:

- Golf Course Superintendent
- Landscape Contractor
- Sports Field Manager
- Research Scientist
- Irrigation Installer
- Golf Course Designer
- Private Consultant
- Commercial Lawn Care Professional
- Plant Breeder, Seed Industry
- Sod Producer
- Park Manager
- Chemical Sales Professional
- Equipment Sales Professional
- Teacher
- Small Business Owner



Sagamore Golf Club, Noblesville, IN | Photo: Ryan Baker, 2017 Graduate (anticipated)

HOW MUCH MONEY CAN YOU MAKE AS A TURFGRASS PROFESSIONAL?

In general, entry-level salaries in a variety of different career paths in turfgrass management can range from \$40,000 to \$75,000. Experienced career professionals can earn well over \$100,000 per year. A few examples include:

- Golf course superintendents can make over \$75,000, with high end salaries of well over \$150,000
- Research scientists command salaries ranging from \$60,000 to more than \$100,000 annually
- Landscape contractors earn \$50,000 to \$80,000 annually
- Irrigation contractors earn \$40,000 to \$70,000 annually
- Lawn care professionals earn \$40,000 to \$100,000 or more annually

WANT TO FIND OUT MORE ABOUT UNDERGRADUATE STUDY?

Rutgers University Center for Turfgrass Science

School of Environmental and Biological Sciences (SEBS)

59 Dudley Road, Foran Hall, Room 366, New Brunswick, New Jersey 08901-8520

Josh A. Honig, Ph.D., Undergraduate Recruiting Coordinator, Center for Turfgrass Science

Email: honig@aesop.rutgers.edu | Phone: 848.932.6347 | Fax: 732.932.9441

Bruce B. Clarke, Ph.D., Director, Center for Turfgrass Science, Extension Specialist in Turf Pathology

Ralph Geiger Endowed Chair in Turfgrass Science (2005-2011)

Email: clarke@aesop.rutgers.edu | Phone: 848.932.6295

Anne Diglio, Administrative Assistant, Center for Turfgrass Science

Email: diglio@aesop.rutgers.edu | Phone: 848.932.9377

FOR MORE INFORMATION ABOUT UNDERGRADUATE OPTIONS: <http://turf.rutgers.edu>



Suburban Golf Club, Union, NJ | Photo: Adam Stottlemyer, 2009 Graduate

OTHER TURFGRASS TRAINING OPPORTUNITIES

THE RUTGERS PROFESSIONAL GOLF TURF MANAGEMENT SCHOOL THREE-WEEK PREPARATORY SHORT COURSE

Dates: January 9 – 27, 2017 **Times:** 8:30am to 3:30pm (M-F) **Fees:** \$1,795 before 12/19/16; \$1,995 after

Learn the essentials of turfgrass management with the intensive curriculum of our condensed 3-week class. You will learn concepts in the classroom and participate in hands-on soil tests, reel grinding demonstrations, and plant identification walks.

Featured Topics

- Soils, fertility, and nutrition
- Turf and plant selection, establishment, maintenance, and renovation
- Identification and control of diseases, insects, and weeds
- Irrigation repair and maintenance
- Equipment selection and maintenance
- Landscape design and construction
- Management skills and professional development

Who Should Attend

- Experienced greenskeepers who need formal education to advance their careers
- Those new to the industry seeking to learn the basics and jump-start an exciting new career in turfgrass management
- Golf course owners and general managers whose goals are better communication and coordination with their teams
- Industry sales representatives working to better understand the wants, needs, and terminology of their clients

Add a widely respected credential from internationally-recognized Rutgers University to your resume in just three weeks. There is no application process or prerequisites. Simply register and learn!

FOR DETAILS ABOUT THREE-WEEK TURF: www.golfturf.rutgers.edu/3WEEK

TURFGRASS MANAGEMENT SHORT COURSES

If you are interested in learning more about specific turfgrass management topics such as pesticide calibration, turfgrass insects, irrigation repair/maintenance, or IPM, consider attending one of **Rutgers University, Office of Continuing Professional Education's** short (one or two day) courses. These classes are offered during the slow season each November through April.

FOR DETAILS ABOUT OUR SHORT COURSES: www.cpe.rutgers.edu/LANDSCAPE



WHAT DO RECENT GRADUATES THINK?

KURT FISHER
2011 Graduate

Assistant Superintendent
Bay Harbor Golf Club

"I would not be where I am today without the Rutgers two-year program. It has opened up many opportunities within the turf industry. The best part, in my opinion, is I am able to do what I love for a living, live where I love to live, and still enjoy a life outside of work!"

MARK JONES, JR.
2011 Graduate

Assistant Superintendent
Baltimore Country Club

"I use what I learned at Rutgers turf school everyday on the job. There is no doubt that the things I learned at Rutgers got me to where I am today. Rutgers taught me the skills I needed to succeed and I have put those skills to good use."

RYAN JARRETT
2016 Graduate

Assistant Superintendent
Belmont Country Club

"When I came home I was offered this job at Belmont, and it's a huge step up from the lower end public course I was at. I find myself having to apply what Rutgers has taught me almost on a daily basis. I've even got all of my notes in my office with me so if I ever need a refresher, I have them to go to. My boss has been pleasantly surprised at the knowledge Rutgers has taught me, as I received an "exceeds expectations" on my yearly review as well as a raise already. If it weren't for the Rutgers program, I wouldn't be where I'm at today."

CHARITABLE GIVING

Your support of our students through our newly revised scholarship donation program can give our students the financial care they need to accomplish their goal. Allowing us to award scholarships helps reinforce their commitment to their education here and motivates them to continue. As an alumnus, you can attest to the fact that the education and contacts made as a student here at Rutgers Professional Golf Turf Management School have made a tremendous difference in your professional career and life. We want others to experience that same success and pride.

- **For every 10 alumni who provide a \$50 gift, we can award one more student scholarship.**
- **We ask that you please send your tax-deductible donation either online or by check.**
- **You will receive a tax-receipt from the Rutgers University Foundation, the 501(c)3 for the university.**

To make a donation by mail, please address it to:

The Rutgers Professional Golf Turf Management School, ATTN: Fran Koppell, 102 Ryders Lane, New Brunswick, NJ 08901

TO MAKE A DONATION ONLINE: www.golfturf.rutgers.edu/TURF-SCHOLARSHIP



Heron Glen Golf Course, Ringoes, NJ | Photo: Jason Pierce, 1999 Graduate

APPLICATION CHECKLIST

YOUR APPLICATION MUST INCLUDE:

- A completed application form** in print (included on the last page of this brochure) or online. Please provide all information. Incomplete applications will not be reviewed.
- A letter of intent** written by you describing your education and work experience, why you are applying to the Rutgers program, and how the course fits into your career plans.
- Two letters of recommendation** from current or past supervisors describing your duties, responsibilities, and potential for success in our program. Work experience in the turfgrass industry or a related field is required. Please note that both letters can be from the same golf course.
- A copy of your high school and college transcripts** or a copy of your GED certificate, if applicable.
- A \$50 non-refundable application fee.** All checks should be made payable to *Rutgers, The State University of New Jersey* or you may pay online by credit card.

Items may be sent individually or as one complete package. When all pieces of your application have been received, it will be reviewed by the acceptance board. If you have any questions or need more information, feel free to contact us. We are happy to help every step of the way.

If mailing application items, please address them to:

The Rutgers Professional Golf Turf Management School, ATTN: Fran Koppell, 102 Ryders Lane, New Brunswick, NJ 08901

If emailing application items, please send them to koppell@rci.rutgers.edu.

APPLICATION DEADLINE: JULY 31, 2016

Completed applications received after July 31, 2016 will be considered on a space available basis and will pay the late tuition fee of \$4,945 for New Jersey residents and \$5,145 for out-of-state residents.

Admission Application

Please provide ALL information. Print clearly or type.

Name _____
(First) (Middle) (Last)

Name for Name Tag _____

Home/Mailing Address (include Street, PO Box or Apt. #) _____

City _____ State _____ Zip Code _____ Country _____

Work Phone _____ Home Phone _____

E-mail address _____ Cell Phone _____

PERSON TO CONTACT IN AN EMERGENCY

Name _____ Phone Number _____ Relationship _____

Please indicate the session for which you are applying: (select only one)

- Fall 2016 (Course Code AT0201CA17) Winter 2017 (Course Code AT0201CB17)

How did you hear about The Rutgers Professional Golf Turf Management School Two-Year Certificate Program?

- Mail Code _____ Search Engine _____
 Rutgers Website _____ Other Website _____
 Referred by a Rutgers alumnus (Please specify) _____
 Referred by my supervisor (Please specify) _____
 Referred by a colleague (Please specify) _____

Have you attended our Rutgers Professional Golf Turf Management School: Three-Week Preparatory Short Course?

- No Yes Year _____

EDUCATION

High School Graduate? No Yes Year _____ Final Grade Point Average (GPA) _____

If no, GED? No Yes Year _____

COLLEGE OR TECHNICAL SCHOOL ATTENDED

Graduated? No Yes If yes, Major? _____

Degree Earned? No Yes If yes, Degree? Associate's Bachelor's Master's

Final GPA _____ Number of Credits Earned _____ Certificate Earned No Yes

WORK EXPERIENCE

Your Current Employer _____

Employment Dates - Full time _____ Part time (seasonal) _____

Position held _____ Supervisor _____

Previous Employer _____

Employment Dates - Full time _____ Part time (seasonal) _____

Position held _____ Supervisor _____

METHOD OF PAYMENT FOR YOUR \$50 APPLICATION FEE

- Check Money Order Authorized Purchase Order # _____

Proof of payment MUST be presented with this form to process your application.

Make payment payable to: **Rutgers, The State University of New Jersey.**

By Mail: Rutgers University, Office of Continuing Professional Education, 102 Ryders Lane, New Brunswick, NJ 08901-8519.

By Fax: 732.932.8726. Please include copy of payment; original payment must be mailed.

- Credit Card - VISA, MasterCard, AMEX, and Discover accepted

TO APPLY ONLINE OR PAY BY CREDIT CARD: www.golfturf.rutgers.edu/APPLY
FOR ASSISTANCE WITH YOUR APPLICATION PAYMENT, PLEASE CALL 848.932.9271, Option 2.

Rutgers, The State University of New Jersey
New Jersey Agricultural Experiment Station
Office of Continuing Professional Education
102 Ryders Lane
New Brunswick, NJ 08901-8519

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New Brunswick, NJ

Permit No. 153

Keep Growing Your Turf Career!

Join our list and never miss another announcement from the Rutgers Turf School.

Yes, add me to your email list!

Email address: _____

We will never sell, rent or exchange your contact information with a 3rd party. To unsubscribe at any time from our list, contact us:

Email: ocpe@njaes.rutgers.edu

Fax: 732.932.1187

Phone: 848.932.9271



**SPREAD THE WORD!
SHARE WITH A COLLEAGUE,
EMPLOYEE OR FRIEND!
#RUTURE**

We Are Here To Help!

Program Coordinator, **Fran Koppell**, and Marketing Specialist, **Casey Sky Noon**, are here to help you every step of the way. Feel free to call or email us at any time if you need help with choosing which program is best for you, the application process, securing a visa to enter the US, arranging housing, payment/financial aid issues, and anything else you may need.



Fran Koppell
848.932.7471
koppell@rci.rutgers.edu



Casey Sky Noon
848.932.7250
noon@njaes.rutgers.edu

We would love to hear from you and are happy to discuss your opportunities here at Rutgers.

Phone: 848.932.9271 | **Fax:** 732.932.1187 | **www.golfturf.rutgers.edu**



www.facebook.com/Rutgers.turf.management.school



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