Three-Day Athletic Field Construction and Maintenance
February 16 - 18, 2010
Course code: AE0501CA10
8:00 am - 4:00 pm
$495 before 2/1/10; $545 after

Are your fields safe? Poor field conditions can produce more than complaints and eye sores. They are a legal liability. Yet, you can’t hope to save safe, healthy fields with just mowing and fertilizing. To safely manage your fields, you and your staff need to be informed on a wide range of topics including: the newest disease/pest management options, field construction, renovation techniques, drainage systems, cultivation practices. This three-day class brings all those topics into one program.

You’ll learn:
• Risk management, safety and liability issues
• Construction and renovation of athletic fields
• Weed, insect, and disease control options
• Understanding the soil beneath your fields
• Choosing the proper turfgrasses for your needs
• Drainage and irrigation troubleshooting
• Designing and building a safe field with good soil drainage
• Planning a successful maintenance program

These programs have been specifically designed to address the challenges facing athletic field managers today. Whether you want to become a certified sports field manager or simply improve your fields on a limited budget, these classes will help you reach your goal.

Day One
• Sports Field Safety
• Site Preparation and Construction Procedures
• Irrigation Systems – Design and Installation
• Selecting Turf grasses and Establishment Procedures

Day Two
• Turfgrass Management Procedures
• Operation and Maintenance of Irrigation Systems
• Weed, Disease and Insect Control
• Pesticide Application Techniques
• Diseased Problems and Their Control

Day Three
• Controlling With Soil Compaction
• Renovation and Repair of Existing Fields
• Infield Maintenance Procedures
• Striping, Lining and Painting
• Sports Field Safety

Program Coordinators and Instructors
Dr. James Murphy, Extension Specialist in Turfgrass Management for Rutgers Cooperative Extension and Bradley S. Park, Sports Turf Education and Research Coordinator for Rutgers Cooperative Extension serve as coordinators for the Athletic field course series.

Recertification Credits
Our three-day program has been submitted for credits in New Jersey, New York, Maryland, Pennsylvania, Delaware and Connecticut. Please call Claudine Oleskin for more information at 733-932-9737 or visit www.cpe.rutgers.edu/publicgrounds.

For more information please visit 
www.cpe.rutgers.edu/publicgrounds

Three-Day Athletic Field Program Schedule

Day One
• Soils for Athletic Fields Managers
• Sports Field Safety
• Site Preparation and Construction Procedures
• Irrigation Systems – Design and Installation
• Selecting Turf grasses and Establishment Procedures

Day Two
• Turfgrass Management Procedures
• Operation and Maintenance of Irrigation Systems
• Weed, Disease and Insect Control
• Pesticide Application Techniques
• Diseased Problems and Their Control

Day Three
• Controlling With Soil Compaction
• Renovation and Repair of Existing Fields
• Infield Maintenance Procedures
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Options for Organic Turf Management & Reduced Pesticide Inputs on Sports Fields
February 25, 2010
Course code: AT0502B10
8:00 am - 12:00 pm
$175 before 2/6/10; $195 after

Sports field managers at all levels are increasingly being asked, or in some cases mandated, to reduce or even eliminate synthetic fertilizers and pesticides applied to natural turfgrass playing surfaces. When faced with the prospect of reducing traditional inputs, many are turning acceptable skin safe playing surface quality, sports field managers know that going green is easier said than done.

If you’re interested in sports field management using organic methods or managing sports fields with fewer pesticide inputs, then this course is for you. During our new ½-day course you will hear Rutgers faculty and a veteran practitioner discuss how to implement organic techniques to manage sports fields, as well as proven ways to reduce synthetic pesticide inputs.

Topics include:
• Organic sports field management - What is it?
• The importance of soils management and turfgrass selection in an organic program
• Low-impact pesticide options
• Sports field management strategies using fewer pesticides
• Management of sports fields and turfgrass sites in Central Park, New York City

After completing this ½-day course you will have learned strategies to manage sports fields either conventionally or with fewer pesticide inputs and what should be expected during your transition to these management systems.

Park Management and Liability Issues
February 3, 2010
Baseball/Softball Infield
Construction & Management
March 10, 2010
Understanding Synthetic Fields
February 25, 2010
Understanding Synthetic Fields  

Instructors  
• Synthetic fields: The buying process  
• Field instruction -- Maintenance of infield surfaces at a box construction  
• Selection of infield mixes and pitchers mound and batters box construction  
• Renovation of skin surfaces  
• Specifying and identifying exercises, weed life cycles, ecology, proper use of mulches and other aspects of a comprehensive weed control program.  

Program Schedule  
March 2 and 3, 2010  9:00am - 1:00pm  
$325 before January 25, 2010; $345 after  
Course code: AL0602CA10  

Introduction to Small Engine Repair  
March 25, 2010  9:00am - 3:30pm  
$275 before March 20, 2010; $295 after  
Course code: AL0092CB10  

This hands-on class will train you to recognize the proper infield mix for your facility based on your site-specific environment and management regime. The classroom portion of the course will also address construction of skewed areas, pitches' mounds, and batting areas as well as proper maintenance techniques. This half-day class will then move from classroom to a nearby baseball field. The in-the-field learning experience allows you get down to the ground level of proper infield constructions and maintenance.  

This half-day class was added to the expanding Rutgers Athletic field management program. The class begins with a discussion of issues to consider during the buying process and careful analysis of the pros and cons of installing and maintaining a synthetic field, this may be the most valuable morning you can spend all year.  

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Instructor Bob Dobson introduces the “checkbook method” of identifying, correcting, and documenting your hazard findings. This course offers 5 CPWM credits.

Irrigation Systems: Design and Installation  
February 26, 2010  9:00am - 4:00pm  
$695 before January 14, 2010; $745 after  
March 5, 2010  9:00am - 3:30pm  
$275 before February 12, 2010; $295 after  
Course code: AL0604CA10  

This one-day class covers the design and repair of the most common problems, broken pipes, malfunctioning valves, broken or malfunctioning sprinkler heads, and electrical problems. You will learn what tools you need in the field to diagnose the problems, and instructor Bob Dobson sets aside time to answer specific questions and problems that might be plaguing your system.

The class will define the proper step-by-step process involved with designing and installing an irrigation system. You will learn how to do a pre-irrigation survey, how to interpret your survey results, and how to lay out your system.

This hands-on class will train you how to select the proper infield mix for your facility based on your site-specific environment and management regime. The classroom portion of the course will also address construction of skewed areas, pitches' mounds, and batting areas as well as proper maintenance techniques. This half-day class will then move from classroom to a nearby baseball field. The in-the-field learning experience allows you get down to the ground level of proper infield constructions and maintenance.

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