Irrigation Troubleshooting & Performance Testing

July 30, 2014
College Station, Texas

Conducted by the
Texas A&M School of Irrigation
Irrigation Technology Program

COURSE LOCATION
Texas A&M University
317 Scoates Hall
College Station, Texas 77843

ADDITIONAL INFORMATION
Confirmation will be mailed to you upon receipt of the registration form.

Registration Information:
AgriLife Conference Services, (979) 845-2604,
Fax: (979) 862-4511
http://agriliferegister.tamu.edu

Information on Course Contents and Program:
Charles Swanson, (979) 845-5614

Visit Us on the Web
Courses and Schedule
Texas A&M School of Irrigation:
http://irrigation.tamu.edu

Daily Weather and Water Requirements
TexasET Network and Web Site:
http://texaset.tamu.edu

We welcome comments and suggestions on classes and scheduling. Customized training programs and research services are also available. All proceeds from our short courses go to support education and research programs in landscape irrigation.

Instructors
Dr. Guy Fipps, P.E.
Professor and Extension Irrigation Engineer

Charles Swanson
Extension Programs Specialist
DATE AND TIME
July 30, 8:30 am - 5 pm

Course Fee
$165.00

COURSE DESCRIPTION
Troubleshooting and Performance Testing of Irrigation System
This eight-hour course covers how to:
1) evaluate and document site conditions that influence the efficiency of landscape irrigation,
2) troubleshoot irrigation system components for proper operation,
3) Perform routine maintenance and minor repair/adjustments of irrigation systems to improve performance,
4) determine station precipitation rate, and
4) develop seasonal irrigation schedules that address site limitations, plant water needs and irrigation system performance.

The course includes classroom instructions, laboratory exercise and demonstrations, and hands-on experience in the field by troubleshooting and performance testing an actual irrigation system.

In this course, students learn:
> a systematic approach for troubleshooting common irrigation system hardware and operation problems
> how to determine precipitation rate using one of three methods: catch cans, flow meter, and flow measurement of individual sprinklers

WHO SHOULD TAKE THIS COURSE
The Troubleshooting and Performance Testing course is essential for anyone responsible for managing urban irrigation systems on landscapes such as residential lawns, sports fields, parks, commercial properties and golf courses. The course will also benefit municipal and water utility personnel interested in developing water conservation programs, responsible for conducting irrigation system evaluations in response to high water bill complaints, or qualifying/approving retrofit programs.

CONTINUING EDUCATION CREDIT
TCEQ has approved this course for 8 hours of continuing education credits for Licensed Irrigators, Licensed Inspectors and Irrigation Technicians.

What To Bring
Students should bring a calculator and materials for taking notes. Dress appropriately for outdoor fieldwork (including rain gear). While not necessary, students are welcome to bring laptop computers for use in this class.

The Texas A&M School of Irrigation is a program of the Texas AgriLife Extension Service and the Irrigation Technology Program, administered through the Biological and Agricultural Engineering Department, Texas A&M University, College Station.

Educational programs conducted by the Texas AgriLife Extension Service serve people of all ages regardless of socioeconomic level, race, color, sex, religion, handicap or national origin. The Texas A&M University System, U.S. Department of Agriculture and the County Commissioners Courts Texas Cooperating. April 2004. http://agrilife.tamu.edu