

## COURSE LOCATION

LCRA Redbud Center  
3601 Lake Austin Blvd  
LCRA, TX 78703

## ADDITIONAL INFORMATION

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

### Registration Information:

AgriLife Events, (979) 845-2604, Fax: (979) 862-4511  
<http://agrilifeevents.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 Associate - Landscape Irrigation



*Improving Lives. Improving Texas.*

## Landscape Irrigation Auditing and Management Short Course



February 9-10, 2010  
Austin, Texas

Conducted by the

**Texas A&M School of Irrigation  
Irrigation Technology Center**

in coordination with

Lower Colorado River Authority

## DATE AND TIME

February 9, 8:30 am -5 pm

February 10, 8:15 am - 5 pm

## COURSE DESCRIPTION

### Landscape Irrigation Auditing and Management

In this two-day course, students learn how to conserve water through landscape irrigation auditing. The course covers the eight steps of auditing, including prioritizing audit sites, conducting field tests to measure system performance, calculating irrigation schedules, and producing audit reports.

Topics include use of potential evapotranspiration (PET) for determining turf water requirements, the effect of soil type and root zone depth on irrigation frequency, and calculation of irrigation system run times based on plant water requirements and system performance. Students gain "hands-on" experience by performing two actual audits that include system troubleshooting, testing individual station performance, and identifying soil type and effective root depth.

### Software

Registration and completion of course includes copies of the LIAM software and manual. The software is only available to students upon completion of the class and is not for sale.

## WHO SHOULD TAKE THIS COURSE

The Landscape Irrigation Auditing and Management (LIAM) course is essential for anyone responsible for designing or managing irrigation systems on urban landscapes such as residential lawns, sports fields, parks, commercial properties and golf courses. The course will also benefit municipalities and city water utility personnel, particularly those interested in developing urban water conservation programs.

## LIA Certification Exam

February 10, ~5 pm

Students who complete the Texas LIAM short course are eligible to take the LIA Certification Exam. Students who pass the exam will become *Texas Certified Landscape Irrigation Auditors* and will receive a certificate acknowledging this achievement and be listed in the directory of certified auditors published annually.

There are currently no regulations governing auditing in Texas; thus, certification is not required for conducting irrigation audits, though it may be important for professional development.

## CONTINUING EDUCATION CREDIT

The TCEQ has approved the offered course for 16 hours of *continuing education credits* for **Licensed Irrigators**.

### 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 lap top 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 Center,

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>

