

## COURSE LOCATION

Texas A&M University  
237 Scoates Hall  
College Station, Texas 77843

## ADDITIONAL INFORMATION

Confirmation will be mailed to you upon receipt of the registration form. Enrollment will be limited so as to have no more than one student on each computer.

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

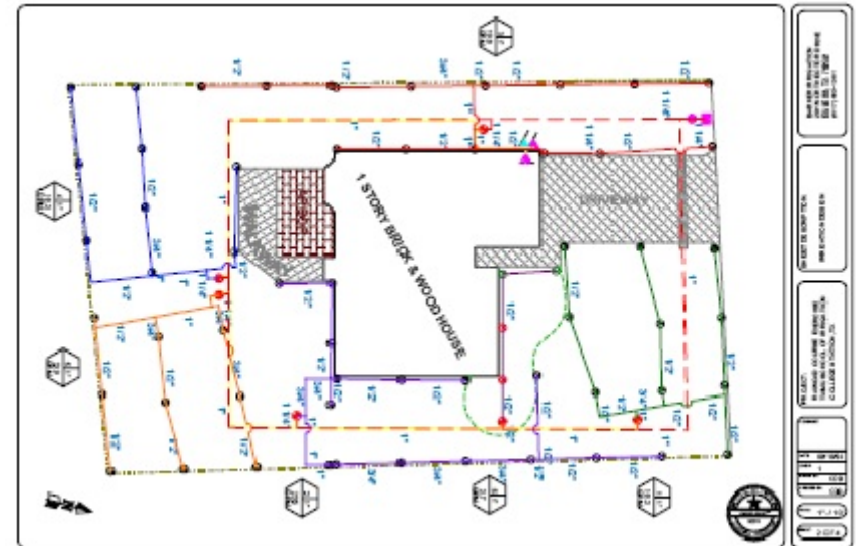
Dr. Guy Fipps, P.E.  
Professor and Extension Irrigation Engineer

Charles Swanson  
Extension Associate - Landscape Irrigation



*Improving Lives. Improving Texas.*

## Irrigation CAD Workshop



December 17-18, 2009  
College Station, Texas

Conducted by the

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

## DATE AND TIME

December 17, 10:00 am -6:30 pm

December 18, 8:15 am - 4:45 pm

## COURSE DESCRIPTION

### Irrigation CAD Workshop

This course will provide a review of the irrigation system design process and complete instruction on the use of CAD (computer aided design) software for irrigation system design. The features and capabilities of commercial irrigation computer aided design software will be presented. Students will gain a functional knowledge of CAD software, and be able to use the software to design an irrigation system for a typical, large residence.

Topics of the class include:

- the menu system of CAD software,
- use of the sprinkler database for selecting and locating heads,
- completing and importing site drawings,
- assigning zones,
- manual and automatic pipe sizing,
- hydraulic calculations, and
- producing material and cost estimates.

## WHO SHOULD TAKE THIS COURSE

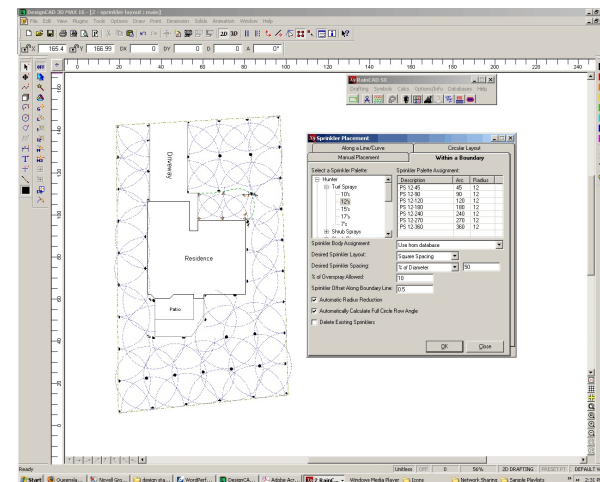
The Irrigation CAD course is essential for anyone responsible for designing or installing irrigation systems on urban landscapes such as residential lawns, sports fields, parks, commercial properties and golf courses.

## 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 materials for taking notes. 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>

