

## 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

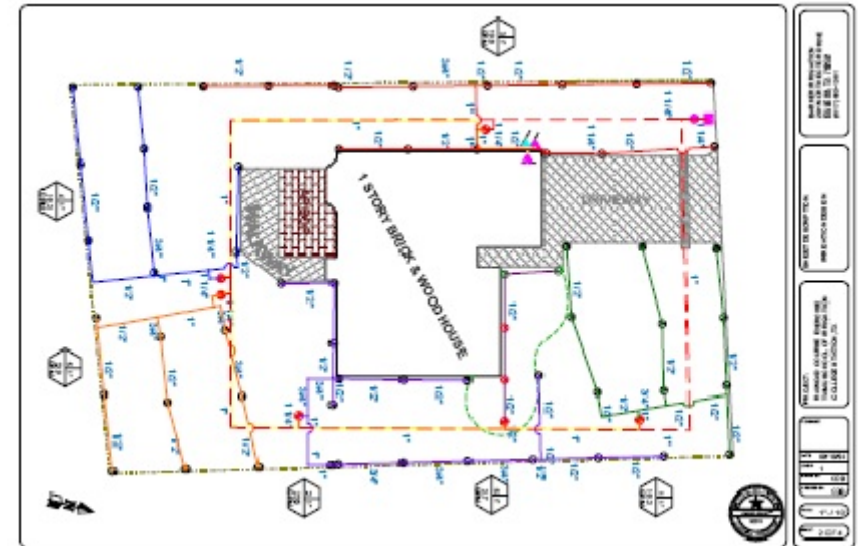
Dr. Guy Fipps, P.E.  
Professor and Extension Irrigation Engineer

Charles Swanson  
Extension Associate - Landscape Irrigation



*Improving Lives. Improving Texas.*

## Advanced Irrigation CAD Workshop



January 14, 2010  
College Station, Texas

Conducted by the

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

## DATE AND TIME

January 14, 10:00 am -6:30 pm

## COURSE DESCRIPTION

### Advanced Irrigation CAD Workshop

This course is set up as a fast paced version of the 2 day Irrigation CAD workshop. Students will complete a residential drawing from start to finish. Students will be given more instruction on material take-offs, sprinkler palette assignments and proper zoning techniques than in the original course.

Topics of the class include:

- Producing a Site Map and Design,
- Working with a Sprinkler Database,
- Designing an Irrigation System,
- Hydraulics,
- Finalizing Design and Plans,
- Calculating Cost Estimates

It is required that students have taken the basic 2 day training previously or some other computer aided design software class and have a working knowledge of RainCAD or DesignCAD packages.

## WHO SHOULD TAKE THIS COURSE

The Advanced Irrigation CAD course is for Landscape Architects, Licensed Irrigators and others in the urban design industry who use computer aided design software on a daily basis and are looking to expand their knowledge and skills.

## CONTINUING EDUCATION CREDIT

The TCEQ has approved the offered course for 8 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

IRRIGATION LEGEND						
Quantity	Symbol	Description	Part Number	Pressure	Flow	Radius
30	○	Hunter PS 15-180 PS-04	15-A	25	1.6	15
2	○	Hunter PS 15-240 PS-04	15-A	25	1.9	15
10	○	Hunter PS 15-360 PS-04	15-A	25	3.4	15
1	○	Hunter PS 15-45 PS-04	15-A	25	0.6	15
15	○	Hunter PS 15-90 PS-04	15-A	25	0.9	15
1	○	Hunter PS 10-180 SRS-12	10-A	25	0.8	10
1	○	Hunter PS 10-270 SRS-12	10-A	25	1.3	10
2	○	Hunter PS 12-90 SRS-12	12-A	25	0.8	12
1	■	3/4 inch meter				
1	■	Watts 009M2GT - 1 1/4"	009M2GT - 1 1/4"			
6	■	Hunter ICV-101G-FS	ICV-101G-FS			
1	■	Hunter SRC-600I	SRC-600I			
1	■	Hunter FREEZE-CLIK	FREEZE-CLIK			
1	■	Hunter RAIN-CLIK	RAIN-CLIK			
72.86	—	Class 160 1 1/4"				
297.69	—	Class 160 1"				
19.86	—	Class 200 2"				
143.94	—	Class 200 3/4"				
677.75	—	Class 315 1/2"				

GENERAL			
Quantity	Symbol	Description	Part Number
1.87	—	00 Gauge	
227.8	—	12 Gauge	

PROJECT: RAIN CAD COURSE DESCRIPTION  
COLLEGE STATION, TX  
DATE: 11/10  
PAGE: 3 OF 4

## 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>

