

2012 Green & Growin' Show Education

Wednesday - January 17, 2012

8 am – 12

Charles Blum, John Deere Landscapes

“System Hydraulics & Irrigation System Design”, This four hour session will cover:

- Basic Field Hydraulics
- Pipe sizing
- Head layout
- Irrigation system design
- Irrigation applications (spray, rotor. drip)
- Advantages to pressure regulation
- Matched precipitation rates
- Zoning

4 hours of irrigation CEU's

1 pm – 5 pm

David Bumbalough, Field Service Engineer, Franklin Electric Company, Inc.

“Water Systems Training”, this four hour session is intended to provide technical information and training on water system applications. The program syllabus includes:

- Class Overview
- Pump Theory
- Pump Accessories
- Motor Construction
- Electricity Fundamentals
- Applicaton
- Trouble Shooting Part 1
- Trouble Shooting Part 2
- Summary – Questions.

4 hours of irrigation CEU's

Thursday - January 18, 2012

8 am – 10 am

Rick Jordan, Reclaimed Water Coordinator, Town of Cary

“Reclaimed Water for Irrigation”, this presentation will cover:

- What is reclaimed water
- How is it Treated
- What are its uses (what can and cannot be done with it’
- Irrigation uses
- Requirements for irrigation use (reclaimed pipe, purple caps, etc.)
- Bulk reclaimed permits

2 hours irrigation CEU’s

10 am – 12

William Hobgood, Hunter Industries

“2 – Wire Installation & Troubleshooting”, - This presentation will teach you the correct methods for installing 2 – wire systems and Troubleshooting problems with the system quickly and easily.

2 hours irrigation CEU’s

1 pm – 3pm

Dan Bowman, Associate Professor of Crop Science, North Carolina State Unviersity

“From The Cradle to the Gravel : Irrigation requirements for warm-season and cool-season turf grasses” – This presentation will compare water requirements of warm and cool season turf grasses throughout their life cycle, from planting (birth) through maturity, and finally drought dormancy and eventual death. The course will focus on soil and plant processes that affect irrigation decisions.

2 hours of irrigation CEU’s

