

## **Power Line Design and Staking - Level IV** **November 15 - 18, 2011**

**Presented by *Utility Training Services, Inc.***  
*(formerly Power Delivery Associates Technical Training Services)*



**Location: Chattahoochee Technical College**  
**Marietta Campus, GA**

In Level IV of the Overhead Line Design series, students will be taken beyond the basics of power line design and staking. They will discuss the aging power infrastructure and system reliability and will discuss how to analyze and correct or improve problems most cost effectively. Students will look at mechanical loading for multi-circuits, will learn about commercial load sizing and will be guided through the process of calculating loads on manufactured products. Students will review NESC and will learn when and how to apply Rule 250 C and D. They will spend time learning about system protection and balance, including proper equipment selection and placement. Classroom discussion will include RUS standards and bulletins and how these pertain to utilities. Students will also discuss storm preparation (hardening of the system) and recovery (getting the system back operational), as well as FEMA policy.

**Students need to bring a trigonometric functions calculator (similar to FX115-ES), an engineer's scale, and a copy of the current 2007 NESC Code Book (provided in level 1).**

If you would like to purchase these items from UTS, please contact Tammy Willingham at 404-890-5514, ext 105 or [twillingham@utshome.com](mailto:twillingham@utshome.com). Students will be provided with a course guide and a certificate of completion with passing exam grade.

**Classes will be held at the Marietta Campus of Chattahoochee Technical College:**  
**980 South Cobb Drive – Building H, Room: (TBA)**  
**Marietta, GA 30060**

**Class Hours: Tue-Thu, 8 a.m. to 4 p.m.**  
**Fri November 18<sup>th</sup> hours will be 8 a.m. - 12 p.m.**

Students will be provided with a certificate of completion with passing course grade

**Pre-registration required – Utility will be invoiced**

### **“Power Line Design & Staking – Level IV” Registration**

*Special Discounted Cost: \$895/ea, incl. materials*

Utility: \_\_\_\_\_ Attendee Name: \_\_\_\_\_

Contact Name/Title: \_\_\_\_\_

Phone/email: \_\_\_\_\_

**To register, fax to 404-890-5520 or email to: [twillingham@utshome.com](mailto:twillingham@utshome.com).**  
**For more information, call UTS - 404-890-5514 ext. 105 or email Tammy at**  
**[twillingham@utshome.com](mailto:twillingham@utshome.com)**

**Make checks payable to *Utility Training Services, Inc* – 55 E. Paulding Dr, Ste 106-252, Dallas, GA 30157**