
Power Line Design & Staking Certification Program

Level I – March 19 – 22, 2019

Course 101: Power Line Design & Staking, Level I - 3.5 days

Who should attend: Staking Technicians; Field Personnel; Power Line Workers; Designers; Engineers; Utility Managers; Engineering Managers; System Engineers; Contractors and any others interested in this area.

Pre-requisite: None

In Level I Overhead Line Design and Staking, students will gain a strong foundation necessary to help them advance in the field of line design and staking. This class will include the basic engineering of overhead single-phase lines typically expected of beginning line design personnel.

After completion of this course, participants will be able to complete overhead transformer and service conductor sizing, calculate accurate guy leads for both angle and dead end situations, interpret and implement sag charts in clearance design, and will thoroughly evaluate the NESC. **Students need to bring a copy of the current NESC to class (not included in course material).**

Course manual provided. This kit consists of the “Power Line Design Series Appendix”, Protractor, Engineer’s Scale, and Scientific Calculator is also included. **IMPORTANT NOTE: Power Line Design Series Kit items provided in Level 1 are needed for subsequent classes in the Power Line Design Series.** *CEUs: 2.1*

⇒ Learn the basic overhead and underground design and staking typically expected of beginning staking personnel, including:

Liability Issues • Safety Equipment

Communications Skills/Easement Acquisition • Power System Overview

Mapping & Drafting Techniques • Work Order Flow • Line Equipment Identification

Specifications & Assemblies • Basic NESC Requirements

**Classes will be held at the OAEC Training Center from 8:30 a.m. to 4 p.m.
Lunch will be provided Tuesday through Thursday
(Friday hours will be 8:00-11:30 a.m.)**

*A block of rooms has been reserved, at the rate of \$89.00/night includes breakfast
at the Home2 Hotel
4110 N.W. Expressway, Oklahoma City, OK 73118
405-608-6094*

Cost: \$1395.00 per person

Deadline for Registration is March 5, 2019 after Deadline \$100.00 late fee will apply.