

PLS-CADD

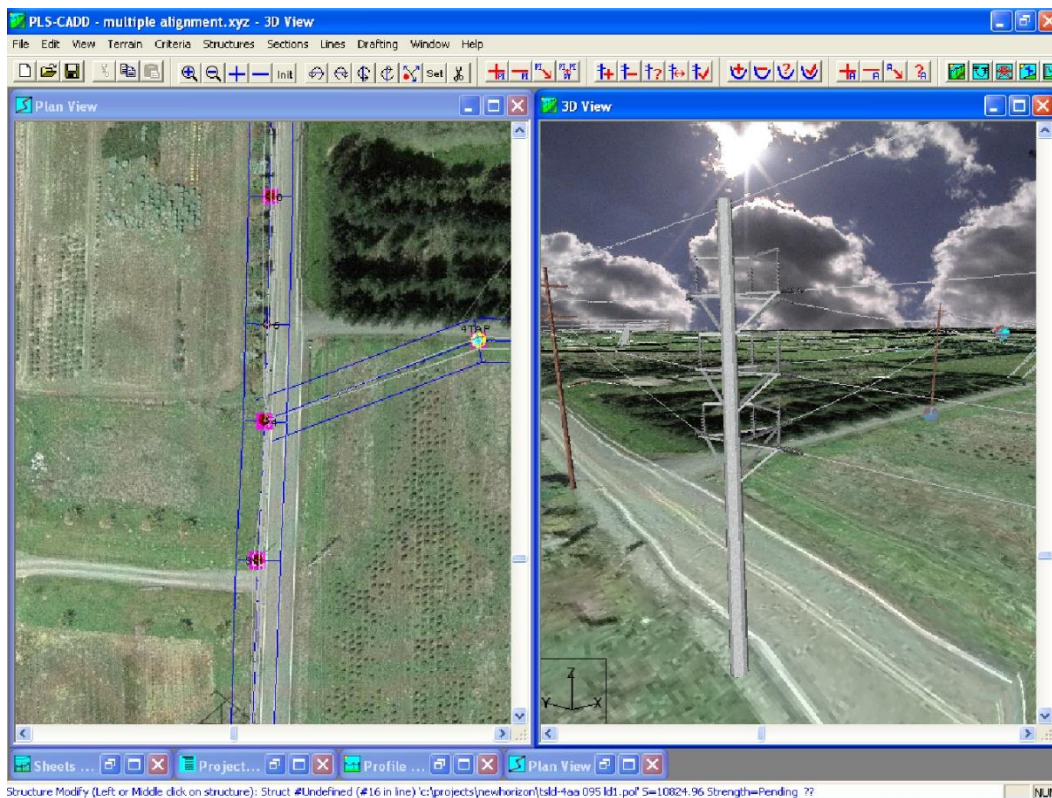
Online Seminar

Design of Overhead Transmission and Distribution Lines using PLS-CADD

September 28 – October 2, 2026

Monday thru Friday
8:00 AM to 12:00 PM
(Central Daylight Time)

Location:
**Held Online via Teams
Meeting**



POWER LINE[®]
S Y S T E M S
Part of Bentley Systems

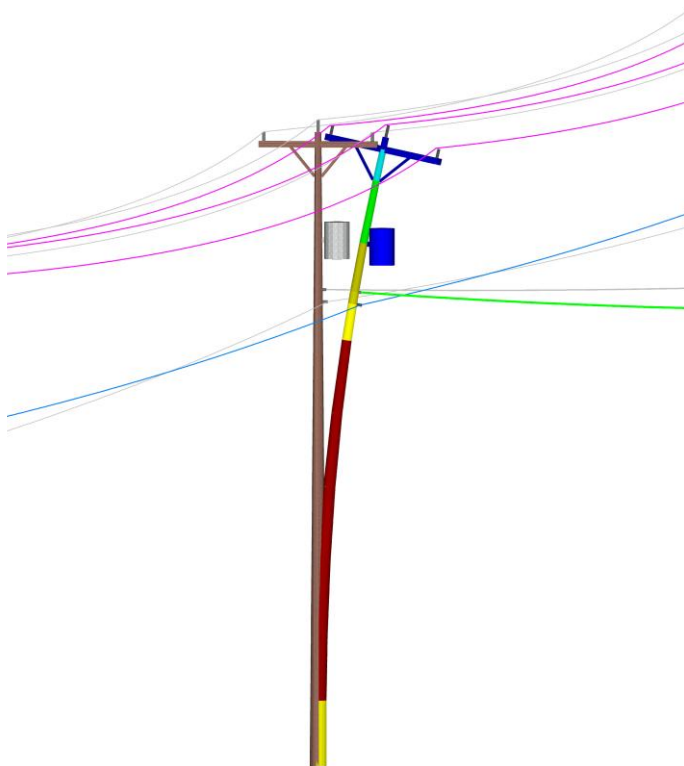
Power Line Systems
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Learn and Improve Your
Knowledge with the Industry
Standard in Overhead Line
Design Software

PLS-CADD is the industry standard in overhead line design and drafting software. This course will teach the attendee how to use PLS-CADD on a transmission or distribution project from start to finish, including importing survey data, criteria development, structure design, conductor sagging and Plan & Profile drawing development and plotting.

Topics Covered

- General Overview
- Survey data/Terrain modeling
- Engineering
 - Design criteria
 - Sag-tension calculations
 - Clearance calculations
 - Structure calculations
 - Manual spotting and stringing
 - Automatic spotting
- Generating construction documents: Staking Tables and Plan & Profile Sheets
- PLS-CADD/LITE
- PLS-POLE
- PLS-POLE integration with PLS-CADD
- Transmission Lines
- Distribution Lines
- Use of Finite Element Sag-Tension when Ruling Span is not accurate



Who Should Attend?

This course is open to all engineers and technicians whose companies currently use or are interested in purchasing PLS-CADD. The course is intended for new or less experienced users of PLS-CADD or individuals who are looking to expand their knowledge of the software. The attendees should have a basic understanding of overhead line design concepts as the class focuses on the use of the software and not the fundamentals of overhead line design. Previous experience with PLS-CADD is not required.

Cost

The class costs \$2000 per person.

More Information

The course registration form is included at the end of this brochure. Seats are limited to the first 40 registrants. We must receive payment and your registration form in order to reserve your seat.

Please see our website for other classes:

<https://www.powerlinesystems.com/online training>

<https://www.powerlinesystems.com/classes>



The course will be led by Suzanne Brzoznowski, Product Manager at Power Line Systems (PLS), along with the help of other technical support staff. She has more than 18 years of experience in overhead line design ranging from 14kV through 345kV and using the PLS software suite. She started her career as a line mechanic working on distribution lines before pursuing her degree in electrical engineering. Suzanne is actively involved in promoting women in science through volunteer work. At PLS, she provides technical support to PLS users around the world, assists in new feature development, and performs software testing. She has an extreme in-depth knowledge of the software's functionality and implementation.

Details

- The class will be held from 8:00 AM to approx. 12:00 PM (Central Daylight Time Zone UTC-5) Monday through Friday via a Teams web conference meeting.
- This online variant of our in-person introductory course is streamlined to focus on the core concepts and mechanics of PLS-CADD and PLS-POLE. It will be a lecture and assignment style format as opposed to the hands-on approach our in-person course offers but will still give students the opportunity to learn the software with hands-on project assignments and guidance by the PLS Support Staff.
- Each day the course will start with a short QA session to recap the previous day, followed by a 4-hour lecture covering the various topics listed on the previous page as well as detailed example walkthroughs using actual project data. After the lectures on Monday through Thursday, the class will be given assignments that cover the topics covered that day. Students can complete the assignments at their own pace and submit their results to the Power Line Systems Support Staff for review and comment. If students have questions or require any assistance in completing the assignments, they can submit their models and ask questions to PLS Support Staff via email or phone where they will be given priority assistance.
- The PLS Support Staff will also hold a 1-hour video conference call from 4:00 PM to 5:00 PM Monday thru Thursday to offer face-face assistance and answer any questions in an open forum format. This is an optional session but provides an opportunity to interact with the PLS staff and hear other student questions and input. Plan on the training sessions ending at approximately 12:00 pm each day and ideally reserve afternoons for working on the assignments to get the full benefits of the course.
- Upon completion of the course students will be given a certificate of completion good for 20 professional development hours. (20 PDH's)

Requirements

- Access to Teams for the sessions.
- A web camera must be installed and used to access the Teams meeting.
- Ability to download the latest software and connect to our PLS-GRID server.

Computers and Software Provided

This is a 'Lecture & Assignment' class where attendees will learn by actually using the software on the assignments. The latest PLS software and software licenses will be provided by Power Line Systems for each attendee for the duration of the class.

Any audio or video recording of the class is strictly prohibited.



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PLS-CADD Online Class Registration Form

September 28 – October 2, 2026

Registration

Registration for the course can be made by sending the Attendee Information or a completed copy of this form to training@powerlinesystems.com.

Attendee Information

Name (First/Last) _____	Phone _____
Company _____	
Address _____	E-Mail _____

City _____	State _____ Postal Code _____
Country _____	

Payment Information

Full payment is required prior to the class and must be received in order to reserve a seat. Seats are reserved on a first-paid first-reserved basis and are limited to 40 people.

Payments are made exclusively online using the Power Line Systems training webpage at <https://www.bentley.com/en/products/power-line-systems-training>. Once on the webpage, select the appropriate PLS-CADD class from the pulldown menu, select the quantity and add to your cart. Then check out and pay from your cart.

Payments cannot be made via a purchase order. Payment is only made via this PLS training page.

Cancellation Policy

Confirmed registrants who do not participate or who cancel after September 18, 2026, will forfeit their entire registration fee. Power Line Systems reserves the right to cancel the training session and will refund the entire class registration fee in the unlikely event this happens.