

GEOPAK Site Training Class

< TOPICS COVERED >

<p>1. Project Setup</p> <ul style="list-style-type: none"> - The main project commands - Setting project preferences - Using project wizard - Import & export data - Import & export graphics - A full list of every file type <p>2. Models</p> <ul style="list-style-type: none"> - Creating new models - Editing models FIFO - Visualizing model displays - Deleting models <p>3. Objects</p> <ul style="list-style-type: none"> - Creating new objects - Editing object properties - Viewing objects' elements - Modifying object slopes - Visualizing object displays - Copying objects - Moving objects - Vertical object revisions - Deleting objects - Renaming objects <p>4. Elements</p> <ul style="list-style-type: none"> - New/Edit – setting elevations - New/Edit – setting points - New/Edit – applying sections - New/Edit – element displays - Element Side Slopes - Change Feature - Change Association - Change Stroking - Raise/Lower elements - Copy Parallel - Modify & delete elements - 3D Elements - Edit Profile - Information 	<p>5. Design Tools</p> <ul style="list-style-type: none"> - Pad design tools - Pond design tools - Channel design tools <p>6. Roadway Tools</p> <ul style="list-style-type: none"> - Roadway tool preferences - Roadway network tool - Create/Edit roadways - Applying composite sections - Designing curb returns - Designing cul-de-sacs <p>7. Analysis Tools</p> <ul style="list-style-type: none"> - Height tool - Drawing profiles - Computing volumes - Elevation differences - Slope area tool - Trace slope path - Themes tools - Drainage tools - Visibility tool - Load DTM features - 3D view active Z - Trench volumes - 3D visualization <p>8. Miscellaneous Tools</p> <ul style="list-style-type: none"> - Active chain control - Annotating w/ D&C Manager - Cross section navigator - Exporting data - Exporting graphics - Labeling the plan view - Labeling the profile view - Labeling the X-section view - Computing quantities - Vertical alignments - Increasing productivity tips 	<p>9. Revisions</p> <ul style="list-style-type: none"> - Revising elements - Revising objects - Revising models - Revising chains - Revising profiles <p>10. Databases</p> <ul style="list-style-type: none"> - The element database - The object database - The model database - The Microstation database - Element/Object/Model Interaction <p>11. Appendix</p> <ul style="list-style-type: none"> - A list of every error message - Solutions for every error message - A full file extension list - Troubleshooting tips & tricks - Video tutorials - VBA customization
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About the Instructor:

Dan Calistrat is a licensed professional engineer in 6 states and has been actively practicing for the past 18 years. After engineering for the land development community, Dan joined GEOPAK where he was instrumental in the development, certification, and training of Bentley civil products. After nearly a decade at GEOPAK, Dan left to implement Bentley software on some of the largest construction projects in the United States.

Dan founded DTM Solutions where he consults with all size firms to make their transition and integration to civil engineering software as seamless as possible. His vision for the firm is based on providing billable solutions to clients in need of civil engineering software training.

Dan holds a B.S. degree in Civil Engineering from Texas A&M University and is an active member of the American Society of Civil Engineers.