

GEOPAK Road Training Class

TOPICS COVERED

<p>1. Introduction</p> <ul style="list-style-type: none"> <input type="checkbox"/> Project commands <input type="checkbox"/> Naming convention <input type="checkbox"/> Starting GEOPAK <input type="checkbox"/> User Preferences <input type="checkbox"/> Installation help <p>2. Project Manager</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction <input type="checkbox"/> Accessing project manager <input type="checkbox"/> Project manager menu bar <input type="checkbox"/> Project users <input type="checkbox"/> Road flow chart <input type="checkbox"/> Working alignment <input type="checkbox"/> Project manager flow chart <p>3. Digital Terrain Modeling</p> <ul style="list-style-type: none"> <input type="checkbox"/> Overview <input type="checkbox"/> The DTM menu bar <input type="checkbox"/> Extract graphics <input type="checkbox"/> Build triangles <input type="checkbox"/> Load DTM features <input type="checkbox"/> Build revisited <input type="checkbox"/> Reports <input type="checkbox"/> Utilities <input type="checkbox"/> Edit tools <input type="checkbox"/> Analysis tools <input type="checkbox"/> Stroking options <p>4. Horizontal Alignments</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction <input type="checkbox"/> Accessing <input type="checkbox"/> Horizontal alignments <input type="checkbox"/> Cogo based alignments <input type="checkbox"/> Store graphics alignments <p>5. Coordinate Geometry</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction <input type="checkbox"/> Accessing <input type="checkbox"/> COGO start up dialog 	<p>5. Coordinate Geometry</p> <ul style="list-style-type: none"> <input type="checkbox"/> COGO main dialog <input type="checkbox"/> File commands <input type="checkbox"/> Store curve from tangents <input type="checkbox"/> Store curve from PC&PT <input type="checkbox"/> Store spiral <input type="checkbox"/> Store chains <input type="checkbox"/> Describe/list/print chain <input type="checkbox"/> Station chain <input type="checkbox"/> Store parcel <input type="checkbox"/> Describe/list/print parcel <input type="checkbox"/> Locate on element <input type="checkbox"/> Locate traverse <input type="checkbox"/> Inverse <input type="checkbox"/> Navigator <input type="checkbox"/> Visualizing elements <input type="checkbox"/> Redefine <input type="checkbox"/> Visualization <input type="checkbox"/> Sample output file <p>6. D&C Manager</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction <input type="checkbox"/> Accessing the dialog <input type="checkbox"/> File commands <input type="checkbox"/> Edit commands <input type="checkbox"/> Settings <input type="checkbox"/> Favorites <input type="checkbox"/> Operational modes <p>7. Plan View Design</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction <input type="checkbox"/> Accessing <input type="checkbox"/> DP station/offset <input type="checkbox"/> Draw transition <p>8. Existing ground profiles</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction <input type="checkbox"/> Select run <input type="checkbox"/> Confirming the results <input type="checkbox"/> Drafting the profile 	<p>9. Vertical Alignment Tools</p> <p>10. Pattern Lines</p> <p>11. Exist Ground X-sections</p> <p>12. Ancillary Data</p> <p>13. Cross Section Navigator</p> <p>14. Criteria Files</p> <p>15. Shaped Cross Sections</p> <ul style="list-style-type: none"> <input type="checkbox"/> Purpose <input type="checkbox"/> Prerequisites <input type="checkbox"/> Select run <input type="checkbox"/> Proposed X-sections <input type="checkbox"/> Drainage <input type="checkbox"/> Files <input type="checkbox"/> Typical sections <p>16. Earthworks</p> <p>17. Cross Section Sheets</p> <p>18. Plan & Profile Sheets</p> <p>19. Limits of Construction</p> <p>20. Plan View Quantities</p> <p>21. Survey SMD File</p> <p>22. Appendix</p>
---	--	--

About the Instructor:

Dan Calistrat is a licensed professional engineer in 6 states and has been actively practicing for the past 23 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.