



## Advanced AutoCAD Civil 3D 2011 Training Agenda for CRAB

February 8-11, 2011



Presented by

<b>Tuesday 2/8/11</b>	<b>Advanced Project Setup and Roadway Design</b>
1:00 pm – 5:00 pm	<p><b>Overview CRAB 2011 Template Drawing</b></p> <ul style="list-style-type: none"> <li>Review the CRAB 2011 template drawing prepared for Civil 3D starters.</li> </ul> <p><b>Data Shortcuts &amp; External References</b></p> <ul style="list-style-type: none"> <li>Review solutions to manage project data and share project information with multiple users on a Civil 3D project.</li> </ul> <p><b>Advanced Roadway Design</b></p> <ul style="list-style-type: none"> <li>Apply alignment and profile targets to Assemblies and Corridors for lane transitioning and more complex road designs.</li> </ul>
<b>Wednesday 2/9/11</b>	<b>Roadway Reconstruction</b>
8:00 am – 12:00 pm	<b>Advanced Roadway Design continued...</b>
1:00 pm – 5:00 pm	<p><b>Roadway Reconstruction</b></p> <ul style="list-style-type: none"> <li>Setup alignments, profiles, and assemblies to use on reconstruction projects.</li> <li>Calculate quantities and prepare final deliverables.</li> </ul>
<b>Thursday 2/10/11</b>	<b>Intersection Design</b>
8:00 am – 5:00 pm	<p><b>Intersection Design</b></p> <ul style="list-style-type: none"> <li>Create intersection Assemblies to use for Intersection Design in Civil 3D.</li> <li>Create an intersection corridor and merge corridors.</li> <li>Calculate quantities and prepare final deliverables.</li> </ul> <p><b>Feature Line Grading</b></p> <ul style="list-style-type: none"> <li>Incorporate feature lines into intersection grading.</li> <li>Creating composite surfaces.</li> </ul>
<b>Friday 2/11/11</b>	<b>Pipe Networks</b>
8:00 am – 12:00 pm	<p><b>Pipe Networks</b></p> <ul style="list-style-type: none"> <li>Layout/Draft Pipe Networks in Civil 3D.</li> <li>Export Pipe Networks to Storm Sewers for Flow Calculations.</li> <li>Calculate quantities and prepare final deliverables.</li> </ul>