



## AutoCAD Civil 3D 2012 Basic Training Agenda

February 28<sup>th</sup>, 29<sup>th</sup> and March 1st, 2012

TUESDAY	
1:00 pm – 5:00 pm	<p><b>Introduction to AutoCAD Civil 3D 2012</b></p> <ul style="list-style-type: none"> <li>Review of the Civil 3D 2012 User Interface.</li> </ul> <p><b>Introduction to Civil 3D Object Styles &amp; Settings</b></p> <ul style="list-style-type: none"> <li>A brief overview of Civil 3D Object styles (Points, Surfaces, Gradings, Alignments).</li> </ul> <p><b>Importing Points and Creating Surfaces</b></p> <ul style="list-style-type: none"> <li>Importing and editing survey data.</li> <li>Creating and editing surfaces.</li> </ul>
WEDNESDAY	
8:00 am -5:00 pm	<p><b>Basic County Roadway Corridor Design</b></p> <ul style="list-style-type: none"> <li>Layout proposed alignments and profiles for County road design projects.</li> <li>Build Roadway Assemblies using the Civil 3D Subassembly Tool palette.</li> <li>Target Roadway surfaces in your Corridor designs.</li> <li>Targeting Alignments &amp; Profiles in Corridor designs.</li> <li>Create Corridor finished grade surfaces &amp; compute volume quantities.</li> </ul> <p><b>Stormwater Detention Pond Design</b></p> <ul style="list-style-type: none"> <li>Grading with Feature Lines and Grading Groups.</li> <li>Utilize Feature Lines to prepare proposed grade structures, like this stormwater detention pond, or building pads, bridge abutments, etc..</li> </ul>
THURSDAY	
8:00 am – 12:00 pm	<p><b>Detention Pond &amp; an Additional Roadway Design Project</b> (Continuation on over from Day 2)</p> <p><b>Preparing reports and plan sets</b></p> <ul style="list-style-type: none"> <li>Prepare Plan &amp; Profile Sheets.</li> <li>Plot Cross Sections using Page Layouts</li> </ul>