



## Course Description

### Advanced Civil\Civil 3D – Corridor Applications - 2 Days

## Summary

This class explores the applications of the AutoCAD Civil and Civil 3D corridor tools beyond the basics to more complicated applications typically found in highway, boulevard, and reconstruction and improvement applications. The class will examine corridor assembly applications involving turn lanes, medians, superelevation and widening, as well as mill/overlay operations.

## Representative Topics

Lane Widening and Stretching  
Slope Control  
Intersection Design  
Mill-Leveling-Overlay Calculations  
Corridor Visualization

Simple and Complex Superelevation  
Independent Vertical Lane Control  
Widening and Cross Slope Control  
Creating Finished Surfaces  
Civil Project Management and Workshare

## Prerequisites

Thorough familiarity with AutoCAD is essential. Completion of Civil\Civil 3D Essentials and Civil\Civil 3D Intermediate classes or thorough familiarity with their concepts is required.

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