

## Course Details:

**Duration:** 4 Days

**Prerequisite:** AutoCAD  
Introduction & Intermediate

**Courseware:** Included

**Achievement:** Certificate

**Time:** 9:00 a.m. - 5:00 p.m.

## General Information:

**Locations:** Courses are hosted at training facilities across Canada, including:

Burnaby, BC  
Calgary, AB  
Edmonton, AB  
Regina, SK  
Winnipeg, MB  
Vaughan, ON  
Etobicoke, ON  
Ottawa, ON  
Toronto, ON  
Quebec City, QC  
Montreal, QC  
Hanwell, NB  
Halifax, NS

Alternatively, training can be conducted on-site for a specific client or at a 3rd party facility in any city or province

### Pricing, Registration &

**Scheduling:** Please contact our training coordinator at 1-877-438-2231 x227 or via email at [training@solidcad.ca](mailto:training@solidcad.ca)

**Complete course listing:**

[www.solidcad.ca/training](http://www.solidcad.ca/training)

## Course Description:

AutoCAD Civil 3D teaches how functionality permits the rapid development of alternatives through model-based design tools. Users will learn techniques for organizing project data, working with points, creating and analyzing surfaces, modeling road corridors, creating parcel layouts, performing grading and volume calculation tasks, and laying out pipe networks.

After completing this course, users will be familiar with the AutoCAD Civil 3D tools and functionalities required to create land development sites, subdivisions, grading, roads and drainage systems.

## Learning Objectives:

- Learn the AutoCAD Civil 3D user interface
- Create and manage points and point groups and work with survey figures
- Create, edit, view, and analyze surfaces
- Create and edit alignments
- Create data shortcuts and vault projects
- Create sites, profiles and cross-sections
- Create assemblies, corridors, and intersections
- Create complex grading solutions
- Create pipe networks
- Perform quantity takeoff and volume calculations
- Utilize plan productions to create plan profiles sheets

## Supplemental Learning:

- AutoCAD Civil 3D for Transportation Design Professionals
- AutoCAD Civil 3D Quantity Takeoff
- AutoCAD Civil 3D Storm and Sanitary Analysis
- InfraWorks Professional
- AutoCAD Civil 3D Subassembly composer