

# AutoCAD Civil 3D for Transportation Design Professionals



## Course Details:

**Duration:** 2 Days

**Prerequisite:** AutoCAD Civil 3D

**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 for Transportation Design Professionals program is recommended for professionals involved with road and highway design. The development of road reconstruction and highway interchange projects is covered in detail, including urban and rural road design concepts. This program explores techniques for matching existing driveways, sidewalk locations and property lines within a road reconstruction project as well as the application of local road design criteria.

After completing this course, transportation professionals will be able to create designs using OPSD 3% subgrade cross fall parameters. A complimentary copy of Custom Styles Templates and Ontario Subassemblies will be provided.

## Learning Objectives:

- Master advanced alignment creation, alignment design criteria & constraints & superelevation
- Master advanced profile creation & profile design
- Manage transportation subassemblies, conditional subassemblies and advanced assembly creation
- Create advanced corridors
- Edit corridor sections, corridor surfaces and intersections
- Measure surface volumes, sections, section views, material quantities and cross sectional volumes
- Plan production

## Supplemental Learning:

- AutoCAD Civil 3D Subassembly Composer
- InfraWorks Professional