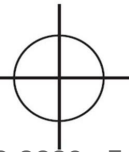


# **On GRADE** Inc.

Survey & Machine Control Systems

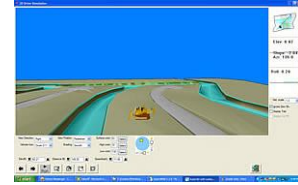


100 Ilsley Avenue, Unit H, Dartmouth, NS, B3B 1L3 (902) 252-3390 - Fax (902) 252-3391

## CARLSON CIVIL 2010 TRAINING PROGRAM



# CARLSON CIVIL 2010



ON-GRADE INC. IS PLEASED TO OFFER CUSTOMIZED TRAINING PROGRAMS FOR CARLSON SOFTWARE PRODUCTS INCLUDING CARLSON CIVIL 2010



LEARN HOW TO EFFECTIVELY MANAGE YOUR PROJECT'S DESIGN DATA AND GENERATE 2D AND 3D SURVEY LAY-OUT AND MACHINE CONTROL FILES FROM YOUR ENGINEERED PLAN SET

### Intro to Carlson Civil 2010

Day 1

- ◆ Proper file folder creation and organization
- ◆ Opening software and creating project
- ◆ Importing source material (dwg, dxf, pdf, etc.)
- ◆ Point creation for layout (Buildings, Foundations, Structures, Grid Lines etc.)
- ◆ Importing/Exporting points
- ◆ Survey Data Collector Up-load
- ◆ Surface creation fundamental
- ◆ Generating a surface from point data
- ◆ Creating multiple surfaces
- ◆ Calculating volumes from multiple surfaces
- ◆ Exporting surfaces for layout

### LOCATION:

**HOLIDAY INN EXPRESS  
SAINT JOHN, NB**

**400 MAIN ST. AND CHESLEY DRIVE  
SAINT JOHN, NB E2K 4N5 CANADA**

### Carlson Civil 2010 Advanced Earthworks

Day 2

- ◆ Elevating Linework
- ◆ SiteNet—Volume and Surface Management
- ◆ Advanced surface creation integrating linework and point data
- ◆ Centreline and profile creation, cross sections
- ◆ Importing/Exporting Roadlines
- ◆ Surface inspection flyovers
- ◆ Review types of layout files and how to optimize them for field use
- ◆ Build 3D Machine Control Files from your 2D Plan set
- ◆ Output 3D Machine Control Files  
Topcon, Trimble, CAT-Accugrade

### **SAINT JOHN—TRAINING DATES:**

Day 1

#### Intro to Carlson Civil 2010 Module

Tues Mar 30 ....8:30 am to 4:30 pm

Day 2

#### Carlson Civil 2010 Advanced Earthworks Module

Wed Mar 31 ....8:30 am to 4:30 pm

Lunch will be provided.

Laptop with Carlson Civil Software 2010 Required \*

Training Cost - \$995 per individual plus HST

Excellent Instructor to Student Ratio....Each class size limited to 8 participants

\*License for Carlson Civil is \$1695.....30 Day Demo Available...

Space is limited  
Call Kendra at 902-252-3390  
to reserve your seat today

[www.on-grade.ca](http://www.on-grade.ca)