

## **Course Description**

Stringer Topo gives you the ability to reduce Raw Survey Data into AutoCAD/BricsCAD, have the strings strung with polylines (2D & 3D) from the field codes and have them automatically added to the surface as break lines. It also has many more powerful tools to edit your strings for a complete Survey all in the one package.

Course Duration: 1 Day

**Delivery:** Instructor led - maximum of 6 participants

**Course Times:** 9:00 am - 5:00 pm

**Software Used:** AutoCAD/BricsCAD, Stringer Topo

**Registration:** Register your interest here!

## **Prerequisites**

Prior to attending this course you should have some AutoCAD skills and some survey knowledge.

Upon completion you will be issued with a Civil Survey Solutions Certificate of Training.

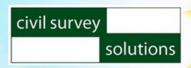






## **Course Objectives**

- Navigate within AutoCAD/BricsCAD design environment and control the display of data
- Create and edit SDB files (Stringer Settings)
- Create and edit AutoCAD/BricsCAD surfaces, including managing displays
- Reduce a raw file from the total station
- Edit raw file observations
- Add Control Files to your Field Reduction
- Add data to AutoCAD/BricsCAD









## **Topics Covered**

- Interface and display controls
- AutoCAD/BricsCAD points
- Surface modelling and analysis
- Editing raw files
- Converting raw survey data into a Point-Coordinate file
- Adding data into AutoCAD/BricsCAD
- Traverse adjustments (Bowditch)
- Adding adjusted files from a CSV file or AutoCAD/BricsCAD to the reduction
- Editing the survey data
- Adding and deleting survey data
- Setting up Stringer SDB Files (Stringer Settings - overview)
- Importing points and building a surface
- Points groups includes/excludes (for surface creation)

- Point styles and point label styles overview
- Creating surfaces overview
- 2D Layer control (final plan preparation)
- 3D Layer control (for creation of the breaklines / one layer)
- Joining all codes from the field and adding them automatically to the surface
- Stringer editing tools
- Breakline location tools
- Automatic surface updates from edited filed codes
- Inserting aerial photographs

