



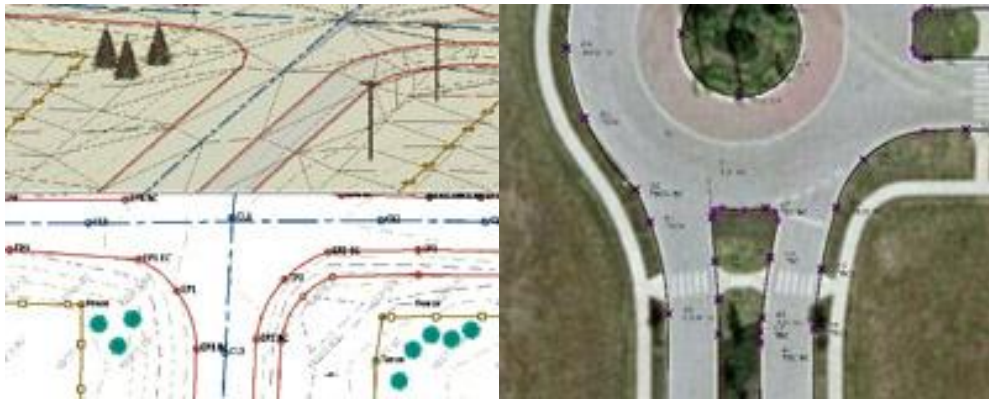
BELL INSTITUTE OF TECHNOLOGY

Twiga Towers, 6th floor, Moi Avenue, Tel 020 316979 Cell: 0721 992065

Email: info@bellinstitute.ac.ke, www.bellinstitute.ac.ke

Duration: 30 Hrs (3 weeks at 2 hrs per Day or One week at 4 Hrs per Day)
Required Good Knowledge in Windows

COST: 8,000



AUTOCAD COURSE OUTLINE

SESSION	SESSION CONTENT
01 - Survey	<ul style="list-style-type: none">• Working with Survey Databases• Creating a Figure Prefix Database• Setting up Linework Code Sets• Importing Point Files and Fieldbooks• Working with Survey Queries
02 - Parcel Creation	<ul style="list-style-type: none">• Working with Parcels - Overview• Understanding Parcel Styles

	<ul style="list-style-type: none"> • Creating Parcels from Objects • Creating Right-of-Way Parcels • Working with the Parcel Creation Tools • Editing Parcels • Renumbering Parcels • Labeling Parcel Areas • Labeling Parcel Segments • Creating Parcel Tables • Creating Parcel Reports
03 - Points	<ul style="list-style-type: none"> • User defined • Point file format • Description key sets
04 - Surfaces	<ul style="list-style-type: none"> • Grid Volume • Drap Image • Move Blocks to surface • Move Blocks to attribute elevation • Move Text to Elevation • Spot elevation expressions • Boundaries(destructive/nondestructive) • Pasting Surfaces
05 - Horizontal Alignments	<ul style="list-style-type: none"> • Creating Offset Alignments and Widenings
06 - Existing and Design Profiles	<ul style="list-style-type: none"> • Project objects to Profile
07 - Assemblies and Corridors	<ul style="list-style-type: none"> • Create Tool Palette with Subassemblies • Add Assembly Offset • Road widening • Generic • Polylines subassemblies • Code set
08 - Cross Sections and Quantities	<ul style="list-style-type: none"> • Right of Way label and marker • Conditional subassemblies • Civil multiview blocks • Modify sections using section editor

09 - Intersections and Roundabouts	<ul style="list-style-type: none"> • Working with Intersections - Overview • Creating an Intersection • Creating a Roundabout
10 - Grading and Quantities	<ul style="list-style-type: none"> • Working with the Grading Tools- Overview • Creating Feature Lines from Objects • Creating Feature Lines from Corridors • Creating Feature Lines from Alignments • Creating Feature Lines • Editing Feature Lines • Create Final Grading Surface and Calculate Volumes
11 - Pipes	<ul style="list-style-type: none"> • Work with Pipe and Structure Rules • Layout Pipe Network • Draw Pipes in Profile View and Edit Pipe Network • Label Pipes in Plan and Profile
12 - Sharing Data	<ul style="list-style-type: none"> • Treating Data Shortcuts • Using Data Shortcuts
13 - Exchanging Data with Other Applications	<ul style="list-style-type: none"> • Importing Data from Land Desktop • Working with LandXML Data • Exporting Civil 3D Data to AutoCAD
14 - Animation	<ul style="list-style-type: none"> • Publish • Motion path animation • Visual style manager

Project: You will select a Project as per your Professional Background.