

BricsCAD 7

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Geomatics Course Catalog

Course Title	Course Description	Duration (Days)
BricsCAD 7	<p>This courseware is designed for the new user who transition from manual drafting to computer aided drafting environment. It incorporates the features, commands, and techniques for creating, editing, and printing drawings.</p> <p>Hands-on exercises throughout the courseware will explore how to create 2D production drawings.</p> <p><i>Objectives:</i> The primary objective of this courseware is to teach the participants to be familiar with some of the features, functions and concepts of CAD.</p> <p><i>Pre-requisite:</i> <i>Basic knowledge in Windows Environment.</i></p> <p>Course Outline:</p> <ul style="list-style-type: none"> • Chapter 1: Getting Started <ul style="list-style-type: none"> ▪ Working in BricsCAD ▪ Selecting & Using Commands • Chapter 2: Working with Drawings <ul style="list-style-type: none"> ▪ Create a new drawing ▪ Open an existing drawing ▪ Saving your drawing ▪ Setting up a drawing ▪ Setting and changing the grid and snap alignment ▪ Using the draw orthogonal option ▪ Using entity snaps • Chapter 3: Creating Simple Entities <ul style="list-style-type: none"> ▪ Drawing Arcs ▪ Drawing Circles ▪ Drawing Ellipses ▪ Drawing Lines ▪ Drawing Rectangles ▪ Drawing Spline • Chapter 4: Creating Complex Entities <ul style="list-style-type: none"> ▪ Adding Hatching ▪ Creating Boundary Polylines ▪ Creating Donuts ▪ Drawing Polygons ▪ Drawing Polylines ▪ Drawing Rectangles • Chapter 5: Viewing your Drawing <ul style="list-style-type: none"> ▪ Changing the magnification of your drawing ▪ Redrawing and Regenerating a drawing • Chapter 6: Working with Coordinates <ul style="list-style-type: none"> ▪ Entering Absolute Cartesian Coordinates ▪ Entering Polar Coordinates ▪ Entering Relative Cartesian Coordinates • Chapter 7: Working with BricsCAD Explorer <ul style="list-style-type: none"> ▪ Organising information on layers ▪ Working with linetypes • Chapter 8: Modifying Entities <ul style="list-style-type: none"> ▪ Selecting Entities ▪ Copying Entities ▪ Rearranging Entities 	3

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	<ul style="list-style-type: none">▪ Resizing Entities▪ Breaking and Joining Entities▪ Grouping Entities▪ Editing Polylines▪ Exploding Entities• Chapter 9: Working with Text<ul style="list-style-type: none">▪ Creating Line Text▪ Creating Paragraph Text▪ Working with Text Style▪ Formatting Text• Chapter 10: Dimensioning Your Drawing<ul style="list-style-type: none">▪ Creating Dimensions▪ Editing Dimensions▪ Understanding Dimension Styles• Chapter 11: Formatting and Printing Drawings<ul style="list-style-type: none">▪ Printing and plotting your drawing	