Autocad 2010 tutorial in tamil pdf

AutoCAD tutorials section includes a variety of tutorials from beginner to advanced and covering both 2D and 3D. Tutorials are divided into categories; Basics, Beyond Basics, Techniques, Modeling and Rendering and Exercises. If you're looking for something specific, try the appropriate category or check out the full listing on this page. We recently added some great AutoCAD video tutorials for a new learning experience. This part of the site is still growing, so check back often. Best Tutorials Tutorials We think you'll like In this AutoCAD 2014 training from expert author Brian Benton, you will learn the basics of using the tools and techniques available to you in this CAD software program. In this advanced AutoCAD training course 2014, expert author Brian Benton builds on his basic knowledge of AutoCAD, and teaches you more advanced concepts and complex ways to use the tools at your disposal in this CAD software program from Autodesk. Last visited: 29 minutes before last visited: 29 minutes before in this AutoCAD list training course, Autodesk CAD expert Brian Benton will show you how to create and manage letter sets for your CAD projects, making you more efficient and organized. This tutorial is for users who already have working knowledge of AutoCAD and want to get more organized and efficient. This video based training will teach you techniques to improve AutoCAD drawings using Photoshop so that your plans can convey color, texture and shadow. Last visited: 2 hours ago Last visited: 8 hours ago Popular AutoCAD Tutorials Tutorials with the most visits per day How to deal with basic tools autocad drawing. This is the perfect start for AutoCAD beginners. In these 18 videos, Brian Benton introduces you to Autodesk AutoCAD 2013. Beginners will learn from scratch and experienced users will learn all the new features. Visits per day: 289.19 Visits per day: 264.38 Set tutorials designed to introduce a new autocad 2011 and give beginners a head start. These Advanced AutoCAD 2012 tutorials break the event's most complex articles into easy to follow segments. The course is presented through an intuitive, easy to use interface that allows you to learn at your own pace. Visits per day: 224.99 Visits per day: 176.26 Tutorial Snippets 3D Polyline Command originally published as part of drawing objects tutorial Toolbar custom Pull-down Keyboard3DPOLY 3D Polyline command works exactly the same way as polyline command. The main difference between a normal polyline and a 3D polyline is that each peak (point of removal) of a 3D polyline may have a different value for Z (height). In normal (2D) polylines, all vertices must have the same Z value.3D polyline objects are not as complex as their 2D cousins. For example, they cannot contain arc segments and cannot be landscaped. However, they can be very useful for 3D modeling. Command Sequence: 3DPOLY Enter the starting point of the polyline: (pick point) Enter the endpoint of the line or [Undo]: (pick another point) Enter the end point of the line or [Undo]: (pick the third point) Enter the endpoint of the line or [Close/Undo]: (to end, C close or continue picking points) Note that each time you select a point, you will not be prompted to enter a Z value. XY filter to force AutoCAD call to value Z. This snippets was written by David Watson In this AutoCAD 2014 training from expert author Brian Benton, you will learn the basics of using the tools and techniques available to you in this CAD software program. Learning Autodesk AutoCAD LT 2014 In this Autocad LT 2014 training from Brian Benton, you will learn how to create 2D drawings using this lighter version of AutoCAD developed by Autodesk. Learning Autodesk AutoCAD 2013 In these 18 videos, Brian Benton introduces you to Autodesk AutoCAD 2013. Beginners will learn from scratch and experienced users will learn all the new features. Learning AutoCAD 2012 In this training video, Brian Benton introduces you to AutoCAD 2012 and guides you through this industry's standard CAD program, and teaches you to use it effectively, whether you're a beginner or a long-time AutoCAD user. AutoCAD 2011: Basics Set of video tutorials designed to introduce new features autocad 2011 and give beginners a head start. AutoCAD 2010: User Interface - Part 1 This video tutorial will take you on a tour of the AutoCAD 2010 user interface. This is the best place to start for beginners. Running time: 3min 56sec AutoCAD 2010: User Interface - Part 2 This video tutorial continues your tour of the AutoCAD 2010 user interface. Running time: 3min 20sec AutoCAD 2010: User Interface - Part 3 This video tutorial completes your tour of the AutoCAD 2010 user interface. 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Running time: 6min 49sec Direct Distance Entry Basic way to work with AutoCAD drawing aids All about drawing tools. Units and scales If you ask yourself: To what extent do I draw? or Which units should I use?, you need this tutorial. The application coordinates everything about the use of coordinates in AutoCAD. Snap object Tutorial that provides an overview of all snaps of an AutoCAD object (osnaps) with some working examples. The tutorial also applies to the use of temporary tracking points and tracking of attachments of objects. Object properties This walkthrough describes how to control how objects are displayed (color, line type, etc.) by using layers. It also explains what layers are and how they should be used. Masterplan Exercises This exercise can be used to practice your basic editorial skills. North Point Exercise Exercise Sheet, covering a variety of basic skills, including object snaps. Page Layout Exercise 1 This exercise is designed to help you test your basic AutoCAD skills. You'll need to understand the drawing and editing tools and how to use coordinates. In this advanced AutoCAD training course 2014, expert author Brian Benton builds on his basic knowledge of AutoCAD, and teaches you more advanced concepts and complex ways to use the tools at your disposal in this CAD software program from Autodesk. The course is presented through an intuitive, easy to use interface that allows you to learn at your own pace. AutoCAD 2011: Advanced Techniques These video tutorials help more experienced users learn important tools that autocad go-to applications across multiple industries. Advanced Selection After mastering the basics of selection, this tutorial will show you some powerful methods for creating complex selection sets. User coordination of systems This tutorial describes what UCSs are, why we need them and how to use them. Proper use of UCSs with is the key to producing good 3D models and can also help with 2D work. Sizing This tutorial describes the options and options for available for dimensioning drawings and how to use them. Proper use of AutoCADs dimension tools is key to creating clear and concise measured drawings. UCS icon All about the UCS icon. Using images A simple exercise to help you understand how images work in AutoCAD. Scaling images How to scale images in AutoCAD mode. All about pictures This tutorial will tell you everything you need to know about working with pictures in AutoCAD. ISO paper size There has been some confusion over the size of standard ISO drawing sheets with AutoCAD.The listed sizes in the fence dialog box are not actual ISO sizes. This tutorial explains why and how to plot on the scale of the Model Space. Paper Space Exercise AutoCAD's paper space mode is a bit like having a page in a scrapbook on which you can insert different views of your AutoCAD drawing. This whole page can then be rendered. This exercise shows how to do it. In this autocad sheet training training course, Autodesk CAD expert Brian Benton shows you how to create and manage sheet sets for your CAD projects, making you more efficient and organized. This tutorial is for users who already have working knowledge of AutoCAD and want to get more organized and efficient. AutoCAD to Photoshop This tutorial demonstrates a variety of workflows from fast and simple to high quality. AutoCAD 2010: Connecting lines, polylines and arcs This video tutorial shows how to connect rows, polylines and arcs using the Connect and Edit Polyline command. Running time: 6min 49sec Setting up a PostScript plotter How to set up a PostScript plotter. Scaling images How to scale images in AutoCAD mode. Adding sunlight to your drawing This tutorial will take you through the steps you need to add realistic solar effects to your 3D model. Creating Custom BitMap Materials This tutorial demonstartes how to create your own bitmap materials using Photoshop and AutoCAD. Create seamless tiles This tutorial will show you how to create perfectly seamless image tiles in Photoshop. Image tiles are ideal for creating image materials in AutoCAD, MAX or Bryce. AutoCAD on Bryce This tutorial takes a step-by-step approach to moving autocad 3D models into Bryce, using materials and creating settings. Importing AutoCAD Meshes into Bryce This tutorial describes how to create a triangular ground model using Key Terra-Firma and AutoCAD and how to import this ground model into Bryce. AutoCAD perspectives, snapshots and scripts can be used to create a simple pass through any 3D model. This tutorial will show you how to do it. Entering survey data using AutoCAD These techniques apply to basic CAD programs such as AutoCAD, IntelliCAD, etc. If you have a citizen/survey program or add-on such as Land Desktop, SurvCADD, Eagle Point, etc., then there are built-in tools for entering lines

Curves. This video tutorial describes how to prepare an AutoCAD 2010 user interface (UI) ready for a 3D drawing project. Running time: 2min 23sec AutoCAD 2010: 3D 3D This tutorial builds on preparing for a 3D tutorial and describes how each of the 3D primitives work. Running time: 15min 10sec AutoCAD 2010: Basic 3D editing with Grips & Gizmos This tutorial follows the 3D primitives tutorial and describes how 3D fixed objects can be edited using handles and gizmos. Running time: 11min 53sec AutoCAD 2010: ViewCube This tutorial presents ViewCube and describes how it can be used to effectively navigate your 3D drawings. Running time: 6min 13sec AutoCAD 2010: Ground shadows This guide explains how to turn on ground shadows and how they help define the relationship between 3D objects and the ground plane. 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In this 3D 2014 civilian training course by expert trainer Seth Cohen, you'll learn how to use the tools and techniques available in this building design software and documentation solution. This tutorial is designed for beginners, and no previous experience with civilian 3D software is required. Learning Autodesk AutoCAD 3D In this AutoCAD 3D training session with trainer Seth Cohen, you will how to take advantage of the powerful 3D tools that are available in this computer helped design software from Autodesk. This tutorial is designed for 3D beginners, but it is recommended that you be familiar with the basics of AutoCAD before attempting this course. AutoCAD 2010: Preparing for 3D This video tutorial describes how to prepare an AutoCAD 2010 (UI) user interface ready for a 3D drawing project. Running time: 2min 23sec Basic 3D and Surface Modelling Although AutoCAD has several commands for creating special 3D objects, much can be achieved by changing the properties of basic 2D objects such as polylines. This tutorial provides a basic introduction to creating and displaying 3D objects. The 3D Tree Exercise Object behind this exercise is twofold. First, it's to give you a practice with some of the 3D techniques that you discovered in the tutorials, or introduce them to you if you haven't seen them yet. Secondly, it is to demonstrate a reasonably simple method to create a convincing 3D tree. Adding sunlight to your drawing This tutorial will take you through the steps you need to add realistic solar effects to your 3D model. All about shadows This tutorial considers different options for creating shadows when rendering 3D models. Creating Custom BitMap Materials This tutorial demonstartes how to create your own bitmap materials using Photoshop and AutoCAD. Create seamless tiles This tutorial will show you how to create perfectly seamless image tiles in Photoshop. Image tiles are ideal for creating image materials in AutoCAD, MAX or Bryce. AutoCAD on Bryce This tutorial takes a step-by-step approach to moving autocad 3D models into Bryce, using materials and creating settings. AutoCAD perspectives, snapshots and scripts can be used to create a simple pass through any 3D model. This tutorial will show you how to do it. This exercise is designed to help you test your basic AutoCAD skills. You'll need to understand the drawing and editing tools and how to use coordinates. Site Layout Exercise 2 This exercise is designed to advance your skills in 2D designing and test your understanding of layout and printing on a paper space scale. North Point Exercise Sheet, covering a variety of basic skills, including object snaps. Using images A simple exercise to help you understand how images work in AutoCAD. Masterplan Exercises This exercise can be used to practice your basic editorial skills. The 3D Tree Exercise Object behind this exercise is twofold. First, it's to give you a practice with some of the 3D techniques that you discovered in the tutorials, or introduce them to you if you haven't seen them yet. Secondly, it is to demonstrate a reasonably simple method to create a convincing 3D tree. Paper Space Exercise AutoCAD's paper space mode is a bit like having a page in a scrapbook on which you can insert different views of your Drawing. This whole page can then be This exercise shows how to do it. This tutorial is designed to help autocad users quickly deal with autolisp. Demonstartes how to create AutoLISP routines from scratch. This tutorial describes how to create a 3D surface model from contour information using AutoCAD and Key TERRA-FIRMA. Volumetrics This manual describes how to use terra-firma key to calculate volumes from ground models (. KGM) and how to calculate the snipping and filling of volumes between ground models. Create and draw sections This tutorial describes how to draw sections using the TERRA-FIRMA key. The tutorial assumes that you have previously completed a ground modeling tutorial, or that you already have a good understanding of TERRA-FIRMA ground modeling. In this AutoCAD 2014 training course by expert author Brian Benton, you will learn the basics of using the tools and techniques available to you in this CAD software program. Advanced AutoCAD 2014 In this advanced AutoCAD 2014 training course, expert author Brian Benton builds on your basic knowledge of AutoCAD and teaches you more advanced concepts and complex ways to use the tools available to you in this Cad software program from Autodesk. Learning Autodesk AutoCAD LT 2014 In this Autocad LT 2014 training from Brian Benton, you will learn how to create 2D drawings using this lighter version of AutoCAD developed by Autodesk. Learning how to use AutoCAD sheet sets In this AutoCAD letter training course, Autodesk CAD expert Brian Benton shows you how to create and manage sheet sets for your CAD projects, making you more efficient and organized. This tutorial is for users who already have working knowledge of AutoCAD and want to get more organized and efficient. Learning AutoCAD Civil 3D 2014 In this Civilian 3D 2014 training course from expert trainer Seth Cohen, you will learn how to use the tools and techniques at your disposal in this engineering design and documentation solution software. This tutorial is designed for beginners, and no previous experience with civilian 3D software is required. Learning Autodesk AutoCAD 3D In this AutoCAD 3D training session with trainer Seth Cohen, you'll find out how to take advantage of the powerful 3D tools that are available on this computer helped by design software from Autodesk. 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