Mindluster Platform

About the course Sketchup 3d modelling for beginners

Sketchup 3d modelling course, in this course we will learn about the fundamentals and advanced techniques of Sketchup 3D modeling, enabling you to create detailed and precise 3D models. This course covers essential tools and features of Sketchup, starting from the basics of navigating the interface, drawing shapes, and creating geometric models to more complex tasks such as applying materials, textures, and lighting. Students will explore techniques for developing architectural, interior design, and landscape models, and will learn how to render and export their creations for presentations and collaborative projects. Practical exercises and real-world projects will be used to illustrate key concepts and best practices, ensuring that participants gain hands-on experience and confidence in using Sketchup for various design applications. This course is ideal for architects, designers, engineers, and anyone interested in mastering 3D modeling with Sketchup.

Engineering Category's Courses

Course Lesson(129)

Lesson 1 :
API 650 120 M DIA WATER STORAGE TANK ANNULAR BOTTOM PLATE INSTALLATION PROCEDURE SEQUENCE

Lesson 2 : **SKETCHUP 3D MODELLING TUTORIAL FOR BEGINNERS Ex 001**

Lesson 3 :
API 650 STORAGE TANK BOTTOM ANNULAR PLATE REPLACEMENT LOW COST METHOD FOR BEGINNERS AND EXPERTS

Lesson 4 :
API 650 HOW TO ERECT A STORAGE TANK USING CHAIN BLOCKS INSTEAD OF HYDRAULIC JACKS

Lesson 5 : **API 650 STORAGE TANK ERECTION PROCEDURE PART 2 SHELL ERECTION**

Lesson 6 :
API 650 STORAGE TANK ERECTION PROCEDURE ROOF PLATE DOME ROOF ROOF STRUCTURE FLOATING ROOF

Lesson 7 :
AVEVE E3D STRUCTURAL TUTORIAL FOR BEGINNERS 3 GRID COPY BASE PLATE CONNECTIONS

Lesson 8 : **AVEVE E3D STRUCTURAL TUTORIAL FOR BEGINNERS EX 4**

Lesson 9 : **PIPING LATEROLET FIT UP ON A STRAIGHT PIPE TUTORIAL Pipe fit up tutorials**

Lesson 10 : **How to model a pipe with bevel in sketchup Ex 002**

Lesson 11 : **AVEVA E3D Column modelling tutorial for beginners Tutorial 001**

Lesson 12 :
Sketchup 3d modelling tutorial sketchup 3d à¤®à¥‰à¤¡à¤²à¤¿à¤‚à¤— à¤Ÿà¥à¤Ÿà¥‹à¤°à¤¿à¤…à¤² EX 005

Lesson 13 : **How to fit up nozzles on a dish end**

Lesson 14 : **Threaded Pipe Cut Length True Length Calculation**

Lesson 15 : **How to Mark Beam Column Cutback**

Lesson 16 : **Piping Pipe Wire Template Bending tutorial**

Lesson 17 : **How to Fit up an Eccentric Reducer**

Lesson 18 : **How to Mark a Piping Reinforced Pad Layout**

Lesson 19 : **HOW TO CHECK THE SLPOE OR DEGREE OF A PIPE**

Lesson 20 :
PIPING How to fit up a tee to an existing pipe to any degree Pipe fit up Tutorial for beginners

Lesson 21 :
How to fabricate pipe spool from isometric drawing à¤¡à¥à¤°à¤¾à¤‡à¤‚à¤— à¤¸à¥‡ à¤ªà¤¾à¤‡à¤ª à¤¸à¥à¤ªà¥‚à¤² à¤•à¥ˆà¤¸à¥ à¤¬à¤¨à¤¾à¤à¤—à¤¾

Lesson 22 : **How to calculate set run and travel on a rolled pipe spool**

Lesson 23 : **3 Different Methods to fit up 45 Degree Elbow**

Lesson 24 : **How to Double Large Pipes**

Lesson 25 :
How to layout an eccentric pipe branch à¤ªà¤¾à¤‡à¤ª à¤à¤•à¥à¤¸à¥‡à¤‚à¤Ÿà¥à¤°à¤¿à¤• à¤¬à¥à¤°à¤¾à¤‚à¤š à¤²à¥‡à¤†à¤‰à¤Ÿ

Lesson 26 : **Pipe Doubling Easy Methods for Pipe Fitters**

Lesson 27 : **Pipe fitup tips for pipe fitters and fabricators**

Lesson 28 :
How to make standard low cost pipe fitting clamp à¤ªà¤¾à¤‡à¤ª à¤«à¤¿à¤Ÿà¤¿à¤‚à¤— à¤•à¤¾ à¤•à¥à¤²à¥ˆà¤‚à¤ª à¤•à¥ˆà¤¸à¥ à¤¬à¤¨à¤¾à¤à¤‚à¤—à¥‡

Lesson 29 : **Flange Alignment Bolt Tightening Correct Method**

Lesson 30 : **How to Read Piping Isometric Drawing**

Lesson 31 : **How to Mark Pipe Length Different Methods**

Lesson 32 : **How to mark the center of an elbow Basic method**

Lesson 33 : **Pipe Rolling Horizontal Vertical Slope Tutorial for Fitters**

Lesson 34 : **Piping Set Run Roll Travel Calculations**

Lesson 35 : **How to Mark a Piping Reinforced Pad Layout**

Lesson 36 : **Plate squaring tutorial correct method**

Lesson 37 : **How to calculate the cut length of pipes in a drawing**

Lesson 38 : **How to fit up an Eccentric Reducer**

Lesson 39 : **Study piping isometric drawing slope rolling offset elevation tutorial for pipe fitters**

Lesson 40 : **How to calculate the height of pipe supports in a piping system**

Lesson 41 :
How to cut channel and beam any degree à¤šà¥ˆà¤¨à¤² à¤†à¤µà¤° à¤¬à¥€à¤® à¤¡à¤¿à¤—à¥à¤°à¥€ à¤•à¥ˆà¤¸à¥ à¤•à¤¾à¤Ÿà¥‡à¤‚à¤—à¥‡

Lesson 42 : **How to Make Low Cost Tools for Pipe Fitting**

Lesson 43 : **How to fit up Slip on Flange in different methods**

Lesson 44 : **How to Read Pipe Vertical and Horizontal Rolling Tutorial**

Lesson 45 : **Pipe fit up tips for pipe fitters and fabricators**

Lesson 46 : **How to Mark Beam Column Cutback**

Lesson 47 : **How to Mark a Piping Reinforced Pad Layout**

Lesson 48 : **How to calculate the cut length of pipes in a drawing**

Lesson 49 :
PIPING How to fit up a tee to an existing pipe to any degree Pipe fit up Tutorial for beginners

Lesson 50 : **How to Fit up a 90 Degree Elbow Rotated to any degree**

Lesson 51 : **How to fit up Elbow to Elbow different methods**

Lesson 52 : **Piping cut length calculation tutorial for beginners**

Lesson 53 : **How to Calculate Miter Cutback Easy Method**

Lesson 54 :
Piping Fundamentals Valve Elbow Flow meter Hanger Reducer Flange Strainer Strut Support

Lesson 55 : **Pipe Slope Checking Measuring Any Degree**

Lesson 56 : **Structural Staircase Fabrication Tutorial How to make structural staircase**

Lesson 57 : **How to Read Piping Isometric Drawing 3**

Lesson 58 : **How to Calculate Pipe ID OD Thickness Schedule Relations**

Lesson 59 : **How to mark the center of an elbow Basic method for beginners**

Lesson 60 : **How to mark a plate Flange Basic Method**

Lesson 61 : **How to make a cage ladder monkey ladder The drawing link is in the description**

Lesson 62 : **How to Fit up 90 degree Elbow to Slip on Flange**

Lesson 63 : **How to Fit up an Elbow to any Degree**

Lesson 64 : **Piping Isometric Drawing Study**

Lesson 65 : **How to join large bore pipes**

Lesson 66 : **How to Bend a Wire as per an Isometric Drawing**

Lesson 67 : **Flange Alignment Stud Nut Bolt Tightening Correct Method**

Lesson 68 : **Piping isometric drawing reading and wire bending tutorial 2**

Lesson 69 : **How to Mark the Center line of an Eccentric Reducer**

Lesson 70 : **Study piping isometric drawing slope rolling offset and elevation tutorial for pipe fitters**

Lesson 71 : **How to Calculate Pipe Double Rolling Offset Calculation**

Lesson 72 : **How to calculate Piping Offset With example Tutorial**

Lesson 73 : **How to Fit up Elbow to Elbow**

Lesson 74 :
Piping Fundamentals Valve Elbow Flow meter Hanger Reducer Flange Strainer Strut Support

Lesson 75 : **How to Mark Plate Flanges**

Lesson 76 : **How to calculate and Mark Beam Column Cutback**

Lesson 77 :

How to read study Piping Isometric Drawing How to read study Piping Isometric Drawing

Lesson 78 : **How to Mark the Center line of an Eccentric Reducer**

Lesson 79 : **Pipe ID OD Thickness Schedule**

Lesson 80 : **How to mark the center line and divide a pipe circumference**

Lesson 81 : **Pipe cutback degree easy fast method any degree**

Lesson 82 : **How to Measure the degree of an existing elbow**

Lesson 83 : **Every Pipe Fitter Must Know This Pipe Fitting Techniques**

Lesson 84 : **How to make a cage ladder monkey ladder The drawing link is in the description**

Lesson 85 : **Lifting tripod fabrication tutorial explained**

Lesson 86 : **How to Read Piping Isometric Drawing**

Lesson 87 : **HOW TO FABRICATE A HORIZONTAL PRESSURE VESSEL ASME Sec VIII TUTORIAL**

Lesson 88 : **How to Fit up an Eccentric Reducer to a 90 Degree Elbow**

Lesson 89 : **DIFFERENT PIPING FIT UP TECHNIQUES TUTORIAL 3**

Lesson 90 : **API 650 620 Storage tank bottom plate drawing study**

Lesson 91 : **API 650 Storage Tank bottom plate basic weld sequence**

Lesson 92 : **How to cut an Elbow to any degree Simple method**

Lesson 93 : **Pipe Single cut miter bend layout piping tutorial**

Lesson 94 :
API 650 API 620 How to make a Low cost KEYPLATE for storage tank fabrication and erection

Lesson 95 : **2 1 Elliptical dish end of pressure vessel blank diameter calculation Tutorial 07**

Lesson 96 : **How to Fabricate Make a Pressure Vessel ASME VIII**

Lesson 97 : **API 650 620 Storage tank bottom plate drawing study tutorial for beginners**

Lesson 98 : **Pipe cutback degree easy fast method any degree**

Lesson 99 : **How to Fit up Elbow to Elbow**

Lesson 100 :
PIPE DOUBLE ROLLING OFFSET CALCULATIONS FREE TUTORIAL à¤¡à¤¬à¤² à¤°à¥‹à¤²à¤¿à¤‚à¤— à¤‘à¤« à¤¸à¥‡à¤Ÿ

Lesson 101 : **Pipe Rolling Horizontal Vertical Slope Tutorial for Fitters**

Lesson 102 : **How to Mark Plate Flanges**

Lesson 103 : **How to mark the center line and divide a pipe circumference**

Lesson 104 : **How to Fit up a 45 degree Elbow to another 45 degree Elbow**

Lesson 105 : **How to Calculate Pipe Offset**

Lesson 106 : **How to Read Piping Isometric Drawing**

Lesson 107 : **Every Pipe Fitter Must Know This Pipe Fitting Techniques**

Lesson 108 : **How to fit up a Flange to a pipe to any degree**

Lesson 109 : **Piping Isometric Drawing Study**

Lesson 110 : **PIPING PIPE DOUBLING JOINING EASY METHOD**

Lesson 111 : **How to Mark a Piping Reinforced Pad Layout**

Lesson 112 :
PIPING 3 easy methods of Flange to pipe fit up Tutorial for beginners Pipe fit up tutorials

Lesson 113 : **DIFFERENT PIPING FIT UP TECHNIQUES TUTORIAL**

Lesson 114 : **Plate Flange Marking Fabrication free Tutorial**

Lesson 115 : **HOW TO FABRICATE AN ADJUSTABLE PIPE STAND FOR LOW COST TUTORIAL**

Lesson 116 : **How Cut an Elbow to any degree pipe fit up tutorial piping tips and tricks**

Lesson 117 : **Beam Column notch cutback marking calculation Tutorials structural tips and tricks**

Lesson 118 : **How to Calculate Miter Cutback Easy Method**

Lesson 119 : **How to Mark and Cut a 90 degree Elbow to Any Degree**

Lesson 120 : **Valve Installation Erection Correct Method**

Lesson 121 :
How to layout an eccentric cone Easiest method à¤à¤•à¥à¤¸à¥‡à¤‚à¤Ÿà¥à¤°à¤¿à¤• à¤•à¥‹à¤¨ à¤•à¥ˆà¤¸à¥‡ à¤¬à¤¨à¤¾à¤à¤‚

Lesson 122 : **How to cut an Elbow to any degree Simple method**

Lesson 123 : **Structural Staircase Fabrication Tutorial How to make a steel structural staircase**

Lesson 124 : **How to Square a Plate Plate squaring tutorial Correct method**

Lesson 125 : **Pipe Rolling Horizontal Vertical Slope Tutorial for Fitters**

Lesson 126 : **Every Pipe Fitter Must Know This Pipe Fitting Techniques**

Lesson 127 : **How to fit up a tee to an existing pipe to any degree**

Lesson 128 : **Pipe Piping Tutorials**

Lesson 129 : **Floating Roof Storage Tank**

Related courses

Cabinetry Basics

MFT and MFT related accessories

hinges workshops

CNC Computer numerical control

Jointing Systems

Cabinet tips

for Business Contact
business@mindluster.com