Mindluster Platform

About the course AutoCAD 3D mechanical drawing for beginners

AutoCAD 3D mechanical drawing course, in this course learners will explore the advanced capabilities of AutoCAD for creating detailed mechanical components in three dimensions. The course begins with an overview of 3D modeling fundamentals, then progresses to more specialized techniques such as solid modeling, mesh modeling, and surface modeling. Students will learn how to use tools like Extrude, Revolve, and Sweep to design complex mechanical parts. The course also covers assembly creation, where participants will practice aligning and connecting different components. Additionally, students will gain skills in generating technical drawings from 3D models, essential for manufacturing and engineering documentation. This course is ideal for mechanical engineers, CAD technicians, and anyone looking to enhance their 3D drafting skills in a mechanical context.

Engineering Category's Courses

Course Lesson(69)

Lesson 1 : **AutoCAD 3D Basic Tutorial for Beginners 1**

Lesson 2 : **AutoCAD 3D Mechanical Drawing Tutorial 1**

Lesson 3 : **AutoCAD 3D Basic Tutorial for Beginners 2**

Lesson 4 : **AutoCAD 3D Mechanical Drawing Tutorial 2**

Lesson 5 : **AutoCAD 3D Mechanical Drawing Tutorial 3**

Lesson 6 : **AutoCAD 2023 3D Tutorial for Beginners**

Lesson 7 : **AutoCAD 3D Revolve Command**

Lesson 8 : **AutoCAD 2022 3D Modeling Practice Drawing AutoCAD 3D Revolve Command Practice**

Lesson 9 :
AutoCAD 3D Sweep Command Tutorial Complete Sweep Twist Multiple profiles Path Surface

Lesson 10 :
AutoCAD 3D Practice Drawing for Sweep Command AutoCAD 3D Modeling Paper Clip Cotter Pin Tutorial

Lesson 11 : **AutoCAD Advanced 3D Modeling Tutorial**

Lesson 12 : **AutoCAD 3D Loft Command Tutorial Complete AutoCAD Loft Path AutoCAD Loft Guides**

Lesson 13 : **AutoCAD 2023 3D Tutorial for Beginners 2**

Lesson 14 :
AutoCAD 3D Practice Drawing for Loft Command AutoCAD 3D Mechanical Drawing Bottle Screw Driver

Lesson 15 :
AutoCAD 3D Helix Command Tutorial Complete Spiral Curve Command Helix Along Path Spring Threads

Lesson 16 : **AutoCAD 2022 3D Tutorial for Beginners**

Lesson 17 : **AutoCAD 2020 3D Tutorial for Beginners**

Lesson 18 : **AutoCAD 2018 3D Tutorial for Beginners**

Lesson 19 : **AutoCAD 2018 3D Dimensioning Tutorial**

Lesson 20 : **AutoCAD 2017 3D Tutorial for Beginners**

Lesson 21 : **AutoCAD 2017 3D Dimensioning Tutorial**

Lesson 22 : **AutoCAD 3D Table Woodworking Design Tutorial**

Lesson 23 :
AutoCAD 3D Dimensioning Tutorial AutoCAD 3D Dimension in Z Axis AutoCAD 3D Tips and Tricks

Lesson 24 :
AutoCAD 3D Extrude Command Tutorial Complete Surface Solid Along Path Taper Angle

Lesson 25 : **AutoCAD 2015 3D Tutorial for Beginners**

Lesson 26 :
AutoCAD 3D Practice Mechanical Drawing using Box Cylinder Command AutoCAD 3D Modeling Mechanical

Lesson 27 : **AutoCAD 3D Pipe Design Tutorial How to Create 3D Pipe in AutoCAD**

Lesson 28 : **AutoCAD 3D Practice Drawing Exercise AutoCAD 2010 Dynamic UCS Mirror 3D**

Lesson 29 : **AutoCAD 3D Sweep Command Tutorial AutoCAD 2010**

Lesson 30 : **AutoCAD 3D Loft Cross Section Path Guide Command Tutorial AutoCAD 2010**

Lesson 31 : **AutoCAD 3D Section Plane Tutorial**

Lesson 32 : **AutoCAD 3D Bolt with Threads Tutorial Download 3D Bolt DWG Drawing**

Lesson 33 : **AutoCAD 3D Door Tutorial AutoCAD 2010 Download 3D Door Block**

Lesson 34 : **AutoCAD 3D Window Tutorial AutoCAD 2010**

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Lesson 36 : **AutoCAD 3D to 2D Conversion Tutorial Flatshot Command AutoCAD 2010**

Lesson 37 : **AutoCAD 3D Fillet Chamfer Command Tutorial AutoCAD 2010**

Lesson 38 : **AutoCAD 3D Hatch Tutorial Part 1**

Lesson 39 : **AutoCAD 3D Objects Modeling Tutorial for Beginners AutoCAD 2010**

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Lesson 45 : **AutoCAD 3D Shell Command Tutorial AutoCAD 2010**

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Lesson 50 : **AutoCAD 3D Presspull Command Tutorial Complete How to Change AutoCAD 2D to 3D**

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Lesson 52 : **AutoCAD 3D Wedge Command Tutorial Complete**

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AutoCAD 3D Pyramid Command Tutorial Complete Frustum of Pyramid Sides Axis Endpoint Top Radius

Lesson 54 : **AutoCAD 3D How to Draw Tri Axial Ellipsoid AutoCAD 3D Ellipse**

Lesson 55 :
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Lesson 56 :
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Lesson 63 :
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Lesson 64 : **AutoCAD Extrude Solid not Surface**

Lesson 65 : **AutoCAD 3D Cylinder Shorts by CADCAMTutorials**

Lesson 66 : **AutoCAD 3D Practice Drawing for Revolve Command Create 3D Piston Piston Ring**

Lesson 67 : **AutoCAD switch from 2D to 3D AutoCAD 3D Settings Shorts**

Lesson 68 : **AutoCAD 3D Pyramid Shorts**

Lesson 69 : **AutoCAD 3D Interior Design Tutorial 1**

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business@mindluster.com