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Intro

Two Aspects of Mechanical Engineering Material Science

Ekster Wallets

Mechanics of Materials

Thermodynamics & Heat Transfer

Fluid Mechanics

Manufacturing Processes

Electro-Mechanical Design

Harsh Truth

Systematic Method for Interview Preparation

List of Technical Questions

Conclusion

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The Ideal Mechanical Engineer

Essential Technical Skills

Skill 1 CAD

Skill 2 CAE

Skill 3 Manufacturing Processes

Skill 4 Instrumentation / DOE

Skill 5 Engineering Theory

Skill 6 Tolerance Stack-Up Analysis

Skill 7 GD&T

Skill 8 FMEA

Skill 9 Programming

Essential Soft Skills

Speaking & Listening

Creativity

Multitasking / Time Management

Innate Qualities

Technical Interview Questions

Resume Tips

Conclusion

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Introduction

Start Page

Interface

2D Drawing

Drawing Aids & Snaps

Command Line

Editing in Selection Mode

Lasso Selections

2D Editing Tools

Visualization and 3D View Cube

3D Preview

3D Editing Tools

2D Drawings to 3D

Editing 3D Objects

3D Meshes

Save and Export

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Introduction

AutoCAD 2022 Start New Drawing

Switch to 3D Modeling

How to select UCS 2D Sketch creation

2D to 3D Conversion

Side Cut Creation

3D Mirror

Solid Union

Cylinder with Hole Creation

Change Color

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Introduction

Circle Command

Construction Line

Extrusion

Extrude

Shader

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AutoCAD User Interface

Making Lines

Navigation Tools

Selection Set

Setting units

Making precise lines

Polar Tracking

Ortho Mode

Dynamic Input

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Part 1

Part 2

Part 3

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