

Technical Drawing for Design and Drafting

Autodesk

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AutoCAD
Professional I - 6 hr.

Technical Drawing for Design and Drafting

Course | Skill builder

Build your technical drawing skillset in AutoCAD. Learn how to create professional documents and drawings that help you deliver stronger projects in mechanical, architecture, engineering, or construction industries.



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Outline

- 1 Getting started
- 2 Creating a solid foundational template
- 3 Creating advanced objects

Overview

Template creation is the cornerstone of any design. In this course, you'll learn how to create a successful template and set up a drawing file. Once you're ready to populate your file with drawing objects, you'll create and edit advanced objects and work with tools that allow for greater accuracy, such as polar tracking and constraints. You'll practice using viewports, external references, and importing various file types and content into AutoCAD.



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Overview Course modules Related learning

- work with viewports.
- Draw with greater accuracy using measurement tools and methods, such as polar tracking, dynamic input, selection cycling, and constraints.
- Use external references and import data into AutoCAD.
- Use the Design Center in an efficient and practical workflow.

Course modules

-1 min.
Getting started
Getting started
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-30 min.
Creating a solid foundational template
Template creation is the cornerstone of any design project and every organization needs a comprehensive and properly constructed template file. Learn how to add specific items to a template file, different methods for adding those items, and how to create a template file.

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Overview Course modules Related learning

-30 min.
Creating a solid foundational template
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-2 hr, 10 min.
Creating advanced objects
Limiting your drawing to the line tool reduces the technological options that designers have. Learn various advanced object creation methods in AutoCAD such as polylines, 3D polylines, Mlines, arcs and polygons, and revision clouds.
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-30 min.
Achieving accuracy in AutoCAD

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