REVIT HERO
Next Level Skills

SAMPLE

Revit Fundamentals for CAD Users

From Lines to Data-Driven Modelling

AUTODESK
SERVICE PROVIDER

www.revithero.com

BIM DIMENSIONS

REVIT CAN DO THIS AND MORE

REVIT HERO
Next Level Skills
Training | Consulting | Managing

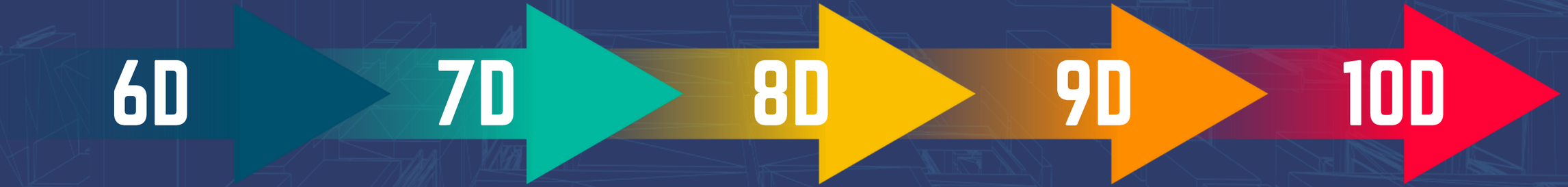
Revit Hero
Engagement and Planning

Documentation
Drafting and Communication

Modeling
Modeling and Visualization

Scheduling
Phasing and Programming

Estimating
Takeoff and Quantification



Performance
Sustainability and Analysis

Operating
Management and Operations

Safety
Construction Safety and Planning

Streamlining
Lean and Sustainability

Construction
Site Optimization and Cost Reduction

REVIT FUNDAMENTALS

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COURSE OVERVIEW

This course is designed for experienced AutoCAD users who want to transition to Revit with confidence.
The focus is on understanding the **Revit way of thinking**, parametric modelling, and BIM workflows, rather than replicating CAD habits in a 3D environment.

FUNDAMENTAL MODULES

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Module 1, Revit vs CAD, The Mindset Shift

- Why Revit is not “3D AutoCAD”
- Lines vs elements, drafting vs modelling
- Model once, document everywhere
- How changes propagate through views, sheets, and schedules
- Common CAD habits that cause problems in Revit

Module 2, Revit Interface & Navigation

- Revit workspace overview
- Project Browser and Properties palette
- Views, view types, and view control bar
- Navigating in 3D, plan, section, and elevation views
- Selection methods and temporarily isolate/hide

FUNDAMENTAL MODULES

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Module 3, Project Setup Fundamentals

- Project units and levels
- Grids and datum elements
- Understanding project templates vs project files
- Starting a project the “right way”
- Model orientation and base points (conceptual overview)

Module 4, Core Modelling Concepts

- What Revit elements are (walls, floors, roofs, doors, windows)
- Hosted vs unhosted elements
- Instance vs type properties
- Constraints, align, lock, offsets
- Modelling accuracy and intent

FUNDAMENTAL MODULES

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Module 5, Working with Views

Module 6, Annotations & Documentation

Module 7, Importing & Using CAD Files

Module 8, Sheets & Output

Module 9, Intro to BIM Concepts

Module 10, Common Beginner Mistakes & Best Practices

Wrap-Up & Next Steps

Introduction to Intermediate Training

Book a Discovery Call

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THANK YOU

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