REVIT® STRUCTURE FOR CONCRETE

COURSE OUTLINE

TOPCON Solutions Store

AUTODESK Platinum Partner

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Learn the essential features and functionality of Revit Structure while focusing on Concrete design. The student will experience the power of building information modeling (BIM) as you are taught how to navigate through the program interface, manage views and identify different types of structural elements. Students will also learn how to create levels, work with walls, sections, elevations, create floor framings, roofs, floor decks, foundation slabs, footings, grade beams, stairs, ramps, elevator pits, schedules, and embeds.

Prerequisite: A working knowledge of Microsoft Windows is recommended.

Course Length: 3 days

DAY 1

- Introduction to Revit Interface
- Viewing the Structural Model
- Drawing & Editing Tools
- Starting a Structural Project
- Linking CAD/Revit
- Setting up Levels & Grids
- Working with Views
- Creating Structural Columns and Walls

DAY 2

- Creating Frames
- Creating Beams and Framing Systems
- Creating Foundations
- Reinforcing Concrete
- Structural Connections & Embeds
- Creating Stairs & Ramps

DAY 3

- Creating Plan Annotations & Schedules
- Creating Sections & Details
- Creating Lift Drawings
- Concrete Schedules
- Creating Construction Documents

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