REVIT® ARCHITECTURE ESSENTIALS
COURSE OUTLINE

TOPCON
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AUTODESK
Platinum Partner

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Get introduced to Revit Architecture while learning the fundamental concepts of Building Information Modeling (BIM). This course will teach students how to model essential building elements in 3D such as walls, stairs, doors, windows, etc. You'll also learn how to create schedules, legends, sheets and other views of your model to create your construction document set.

Prerequisite: A working knowledge of Microsoft Windows is recommended.

Getting Started
- Overview of Interface
- Navigating, Viewing, & Selection Methods

Setting Up Levels and Grids
- Creating & Using Levels
- Creating a Structural Grid

Creating Building Elements
- System Elements — Walls, Curtain Walls, Floors, Ceilings, Roofs, Stairs, & Railings
- Loadable Components — Doors, Windows, & Furniture
- Working with AutoCAD 2D Floor Plans

Modifying Building Elements
- Changing Element Properties
- Move, Copy, Rotate, & Align Elements

Creating Views of the Model
- Duplicating Views
- Managing View Display
- Adding Callouts
- Creating Elevations
- Creating Sections

Schedules and Annotation
- Creating Quantity Schedules
- Working with Text & Dimensions
- Adding Tags

Construction Documents
- Setting-up Sheets
- Controlling Views on Sheets

Details
- Creating Model-Based Details
- Creating Drafting View-Based Details
- Working with AutoCAD Drawings

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