Revit® Architecture
Fundamentals

The objective of the Autodesk® Revit® Architecture: Fundamentals class is to enable you to create a full 3D architectural project model including walls, doors, windows, components, floors, ceilings, roofs, stairs, using the basic tools that most architectural users need. This includes how to navigate the user interface and use the basic drawing, editing, and viewing tools. The final part of the course focuses on creating construction documents.

COURSE OF FOCUS:

- Understanding the purpose of BIM and how it is applied in the Autodesk® Revit® software
- Navigating the Autodesk® Revit® workspace and interface
- Working with the basic sketching and modifying tools
- Linking CAD and Revit® files as the basis of a project
- Creating Levels and Grids as datum elements for the model
- Creating a 3D building model with walls, curtain walls, windows, and doors
- Adding component features, such as furniture and equipment
- Adding floors, ceilings, and roofs to the building model
- Modeling stairs, railings, and ramps
- Setting up sheets for plotting with text, dimensions, details, tags, and schedules
- Creating details

PREREQUISITES:

- An understanding of architectural terminology is an asset