



Autodesk® Revit® Families LEVEL 2



DESCRIPTION

Covers Autodesk® Revit® intermediate/advanced family concepts. This course focuses on the creation of 3D Families.



TRAINING COURSEWARE

Courseware developed by Prokon Software Consultants (Pty) Ltd. www.prokonbuild.co.za
www.prokon.com



PRE-REQUISITES

This course is designed for existing users of Autodesk® Revit®. It is recommended that you have:

- Architectural design, drafting, or engineering experience
- Completed Revit® Essentials training
- Completed Revit® Families Level 1
- A working knowledge of Microsoft® Windows®



OBJECTIVES

1. Introduction to Families
2. Solids / Voids
 - Extrusion, Sweep, Blend, Revolve, Swept, Blend
3. 3D Constraints In First Generic Family
 - Creating A Generic Family
 - Applying Parameters To 3D Solids
4. Ladder Family
 - Using Advanced Formulae to add Array Calculations to Components
 - Using Nested Families to Simplify Geometry
5. Truss Family
 - Further Enhance Formulas using Trigonometry
6. Line Based Families to Create Light Runs
 - Creating a Simple Photometric Light
 - Using the Line Based Family to quickly place Multiple Geometry