



Autodesk Revit Families focuses on the advanced topic of creating custom component families needed for the Structural, MEP and Architectural Industry. Students learn a step-by-step methodology to designing the families effectively so they work well in production.

Prerequisites: Basic knowledge of Windows Operating System, a strong working knowledge of any Revit based platform, and basic understanding of Structural, MEP or Architectural concepts.



Autodesk
Authorized Training Center
Consulting Services Partner
Authorized Certification Center

Visit mwcad.com for a complete class schedule or call us at 800-279-3221.

* The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.

What students are saying about our courses:

"I loved how the instructor focused the materials to our needs and uses. Great course!"

- Matthew Crockett,
Aquaterra
Environmental
Solutions

"The instructor was very knowledgeable and ensured everyone grasped the concepts before moving on. He answered all questions even if they were outside the scope of the class. Great Job!"

- Vern Howard,
Honeywell FM&T

Family Concepts & Techniques

- Intro to Creating Families
- Creating Parametric Framework
- Creating Family Elements
- Additional Tools for Families
- Creating Family Types
- Visibility Display Settings
- Overview of Family Creation

Creating Specific Families

- Creating In-Place Families
- Creating Profiles
- Creating Annotation Families
- Working with Shared Parameters

Creating Architectural Specific Families

- Creating Custom Doors and Windows
- Creating Angled Cornices & Copings
- Creating Custom Railings
- Families for Railings, Balusters, and Panels

Creating MEP Specific Families

- Creating a Pipe Fitting Flange
- Upgrading and Architectural Plumbing Fixture to MEP
- Creating a Custom Lighting Fixture Family
- Creating a Data Device with Annotation Parameters

Creating Structural Specific Families

- Parametric Gusset Plate
- Creating a Slab Depression (In-Place)
- Column Stiffeners (In-Place)
- Creating a Built-Up Column