# REVIT STRUCTURE TRAINING FOR REVIT ARCHITECTURE USERS

| REVIT STRUCTURE | | | |
|---|---|---|---|
| Topics | Chapter | 1 Day Class Minutes | 1.5 Day Class Minutes |
| Structural Setup / Difference from Arch | | 15 | 15 |
| Linking | 3 | 10 | 15 |
| Copy Monitor | 3 | 20 | 20 |
|    Batch Copy Monitor / Coord Review | 3 | 15 | 20 |
|    Levels in Revit Structure | 3 | 20 | 30 |
| Structural vs. Arch Components | | 15 | 15 |
| Peers, Pilasters and Isolated Footings | 5 | 25 | 30 |
| Grids and Columns | 5 | 10 | 15 |
| BREAK (15 minutes) | | 15 | 15 |
| Modeling Structural Framing | 5 | 30 | 45 |
| Sloping and Offsetting Beams | 6 | 20 | 30 |
| Bracing and Framing Elevations | 6 | 20 | 25 |
| Adding Beam Cantilevers and Cutbacks | 6 | 15 | 15 |
| Applying Beam Coping | 6 | 15 | 15 |
| Custom Beam and Column Cuts | | 10 | 10 |
| Editing Beam Joins | 6 | 15 | 20 |
| Adding Trusses | 6 | 25 | 35 |
| Attaching Trusses to Roofs | 6 | 10 | 15 |
| BREAK (15 minutes) | | 15 | 15 |
| Setting Framing Types in Trusses | 6 | 20 | 30 |
| Structural Slabs | 8 | 15 | 20 |
| Structural Slabs edges and steel deck | 8 | 15 | 20 |
| Structural Reinforcement | 9 | 15 | 25 |
| Adding Rebar 2D | 9 | 15 | 15 |
| Adding Rebar 3D | 9 | 20 | 30 |
| Prepare for Structural Analysis | 10 | 15 | 20 |
| Structural Annotation Settings | | 15 | 15 |
| Structural Settings | | 15 | 15 |
| Graphical Column Schedules | 15 | 15 | 20 |
| Aligning Design Options and Phasing with Arch Model | | 20 | 20 |
| BREAK (15 minutes) | | | 15 |
| Custom Beam and Column Families | | | 30 |
| Structural Family Settings | | | 20 |
| Structural Family Cleanup Settings | | | 20 |
| Families with lookup tables | | | 20 |
| Q&A | | 15 | 15 |
| | | | |
| **Total Minutes** | | **500** | **750** |