At Dewberry, we offer training for Revit Architecture, Revit MEP and Revit Structure in both basic and advanced formats. These three-day, hands-on classes teach technical concepts, tools, and innovative procedures for a client user base. We will customize each class based on company standards and workflows to create an easy transition to the process and include training manuals for later reference.

**Architecture Basic Training**
- BIM concepts - descriptions, workflow
- Revit user interface - navigating through the model
- Starting a new project/template verification
- Linking files in Revit - linking CAD files and discipline Revit models
- Levels - managing floor to floor heights
- Grids - structural grid placement
- Walls - architectural wall type
- Curtain walls - curtain wall type
- Annotations - annotative components
- Intelligent sheet index, title blocks
- Door and window placement
- Floor types
- Roof types
- Ceiling types
- Vertical circulation
- 3-D perspective views/cameras, walk-throughs
- Rooms and areas - spatial validation
- Construction phasing
- Worksharing - multiple-user set-up

**Architecture Advanced Training**
- Creating families - custom content creation
- Advanced model management - model maintenance; working with consultants
- View templates - creating and modifying
- Creating and modifying schedules
- Interiors
- Managing multiple designs
- Creating/editing custom railing styles
- Annotation tips and tricks
- Construction administration; RFI tracking
- Massing and advanced modeling - designer initiatives

**MEP Basic Training**
- BIM concepts - descriptions, workflow
- Revit user interface - navigating through the model
- Starting a new project/template verification
- Linking files in Revit - linking CAD files and discipline Revit models
- Placing spaces
- Assigning spaces to zones
- Cales - schedule format, gmXML export
- HVAC system design and layout
- Domestic storm and sanitary systems
- Electrical system design and layout
- Construction phasing

**MEP Advanced Training**
- Creating families - custom content creation
- Annotation tips and tricks - visibility overrides, detail level
- Advanced model management - model maintenance, working with consultants
- Pipe types, view filters, and customized systems
- Complex circuiting, conduit/cable tray modeling, custom panel schedules
- Primary/secondary air system modeling, schedules, interfacing with electrical engineers
BIM Implementation Services

Structure Basic Training
- BIM concepts - descriptions, workflow
- Revit user interface - navigating through the model
- Starting a new project/template verification
- Linking files in Revit - linking CAD files and discipline Revit models
- Levels - managing floor to floor heights
- Grids - structural grid placement
- Columns - layout, attachment, architectural coordination
- Slabs - slab type creation, custom slab type creation
- Walls - structural walls, architectural coordination
- Floor framing - beams, beam systems
- Foundations - wall and isolated foundations, rebar
- Special conditions

Structure Advanced Training
- General - family editor/model maintenance and file size reduction strategies
- Creating and editing schedules, takeoffs
- Custom truss families
- Annotation tips and tricks - visibility overrides, detail level
- Advanced model management - model maintenance; working with consultants

Specialty Application Training
- Navisworks
- Revit conceptual energy analysis
- Designer training classes
- Database integration
- Laser scanning
- COBie2 integration

With more than 20 years’ combined experience, we work with firms that range in size from 10 to 2,000 employees to implement BIM. Our strategy includes a fully customizable plan to get BIM process, training, and relevant standards in place.

Our services also include:
- Customized Revit templates for any version of Revit based on a client’s graphic standards, project type, and model purpose
- Revit family/content creation—graphical representations of building objects and symbols that include geometry in 2-D and/or 3-D as well as data that supports the definition and creation of object instances; content provided on all levels from basic components to manufacturer specific components
- Standard detail migration services to convert existing office standard details from the office CAD platform to the Revit format