



# MEP BIM COURSE OUTLINES

## Total Hours (36)

### Modeling (30 hours)

- General Brief & View Settings (3 hours)
  1. General Brief
  2. Templates
  3. Levels
  4. Create Views
  5. View Template
  
- MEP Modeling (21 hours)
  1. HVAC Modeling
  2. Piping Modeling
  3. Electrical Modeling
  4. Create MEP Systems
  5. MEP Calculations
  6. Revit Family Creation
  
- Filters, Parameters, Schedules (3 hours)
  
- Sheet (3 hours)
  1. Title Block Design
  2. Apply shared parameters
  3. Annotations
  4. Keyplan
  5. Sheet List
  6. Print Sheets CAD & PDF (Dirroots Addin)

## **Coordination (3 hours)**

1. Concepts of NWC, NWD, NWF
2. Export to NWC Sitings
3. Create NWF and Link NWC for others disciplines
4. Clash Detection and Export Reports
5. Clash Navigator Tool (Addin)
6. Work Sharing (Locally, BIM360, ACC)

## **Management (3 hours)**

1. BEP
2. MIDP / TIDP
3. MPDT
4. Model Progress Tracker
5. Engineering and Model Approval Process
6. Clash Matrix
7. Roles and Responsibility Matrix
8. Shared Parameter Asset Register
9. BIM360 Access List Form