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Alldimension Academy

SYNCHRO Pro Course Details

(Duration 40 Hours)

SYNCHRO Pro Fundamentals

- Develop 4D models in Pro
- Create, import, modify and position 3D models
- Create, import, modify and optimize construction schedule
- Associate, assign, modify and visualize key construction activities and scope
- Understand 4D BIM and VDC fundamentals, including parameters, user fields, codes, values and metadata
- Practice the elements of good 4D BIM model authoring
- Understand animation and rendering terms
- Execute construction practices in a software environment on PC

SYNCHRO Pro Advanced

- Set up SYNCHRO project template
- Set up Layouts for planning and look ahead
- Auto-matching in projects
- Create User Field Formulas, and SYNCHRO Script
- Use of Physical Quantity Dependent, Resource Units and Usage Graph
- Apply Resource cost, Task cost, and Earned Value
- Understand the basics of *Iray* rendering
- Understand the basics of 4D and Pull Plan (Planned)
- Understand the basics of Integration with PowerBI (Planned)

Prerequisites

- Knowledge of any 3D/BIM software like Revit, SketchUp, ArchiCAD, Rhino, Tekla
- Knowledge of any Project Management software like M.S.Project, Primavera, Powerproject