

Autodesk Certification Objectives - Per Revit MEP Course

	BIM 321	BIM 322
COLLABORATION PROFESSIONAL		
Import AutoCAD files into Revit		X
Link Revit models	X	X
Copy levels and set up monitoring	X	
Create floor plans	X	X
Use Worksets	X	
Resolve Coordination Review Errors	X	
DOCUMENTATION		
Mechanical: Tag ducts and piping		X
Plumbing: Tag items		X
Electrical: Tag components		X
Create sheets		X
Electrical: Create panel schedules		
Add and modify text		X
Add and modify dimensions		X
ELEMENTS		
Differentiate system and component families	X	X
Edit Family Connectors	X	
Create a new family type	X	
MODELING		
Electrical: Add and modify receptacles	X	
Electrical: Add and modify panels	X	
Electrical: Create and modify circuits	X	
Electrical: Add and modify lighting fixtures	X	
Electrical: Add and modify switches	X	
Electrical: Create and modify lighting circuits	X	
Electrical: Create and modify switching circuits	X	
Electrical: Add and modify conduit	X	
Electrical: Use cable trays	X	
Mechanical: Add and use mechanical equipment	X	
Mechanical: Add and modify air terminals	X	
Mechanical: Add and modify ducts	X	
Mechanical: Add and modify return ducts	X	

	BIM 321	BIM 322
MODELING (Continued_		
Mechanical: Add and modify duct accessories and fittings	X	
Mechanical: Work with heating and cooling zones		
Plumbing: Add and modify fixtures	X	
Plumbing: Add and modify piping	X	
Plumbing: Add and use plumbing equipment	X	
Plumbing: Create a plumbing system	X	
Plumbing: Add and modify pipe accessories	X	
Electrical: Add and modify switch systems	X	
Electrical: Create Distribution System	X	
Electrical: Add and modify security devices	X	
Electrical: Add and modify wiring	X	X
Electrical: Generate automatic wire layouts	X	
Electrical: Check circuits and disconnects		
Mechanical: Add and modify placeholder duct	X	
Mechanical: Define a duct system	X	
Mechanical: Work with spaces	X	
Plumbing: Add and modify placeholder pipe		
Size duct and pipe systems		
Perform interference check		
Check duct and pipe systems and disconnects		
Electrical: Work with Spaces	X	
Electrical: Perform a Lighting Analysis		
Electrical: Work with Fire Alarm Devices		
Electrical: Work with Site Lighting		
VIEWS		
View models	X	X
Apply view templates	X	X
Create detail views	X	X
Electrical: Create and label wiring plans		X
Mechanical: Create and label HVAC plans		X
Plumbing: Create a plumbing view	X	X
Plumbing: Create and label plumbing plans		X

