

**MEP Coordination****Sequence of Trades**

Structural work goes first, followed by plumbing work, followed by HVAC work, followed by fire sprinkler systems, followed by the electrician. Why does the electrician go last? Because they typically have the most flexibility in moving their systems around other's work.

Assume all structural, fireproofing, and roofing work is complete. Use the attached schedule form to analyze the work required.

**Constraints:****Project Superintendent Team:**

- Must set an agenda and run the coordination meeting.
- Must complete all the work associated with the room within three calendar weeks.
- Start of the project is today's date.
- The budget does not allow for any overtime.

**Electrical Crew**

- Wall rough in, above ceiling work and inspection cannot start until framing is complete. Three days required.
- Will require a one-day connection once HVAC package unit is set.
- Will require 2 days to install light fixtures once the ceiling grid is installed.
- Will require 2 days for trim out and final inspections once the ceiling tiles have been installed and the painting has been completed.

**HVAC Crew**

- HVAC unit will not arrive until one week from today. Installation will take one day, the day after it is delivered.
- Duct installation will require two days to complete and cannot start until framing is complete.
- Diffusers cannot be installed until grid ceilings are installed. One day required
- HVAC Equipment start up and testing will require two days. Cannot be started until electrical work is complete.
- HVAC balancing cannot start until the ceiling tiles are installed and the all HVAC equipment is installed, connected and tested. One day required.

**Drywall Crew**

- Framing will require one day to complete.
- Drywall cannot start until framing and wall electrical rough in inspections have been made. One day required.
- Drywall finishing will require 4 days for completion. Cannot start until the drywall is completely installed.
- Ceiling grid cannot be installed until the drywall finishing is complete. One day required.
- Ceiling tiles cannot be completed until all above ceiling rough in work is complete. One day required.

**Finishing Crew**

- Painting cannot start until the drywall finish is complete. One day for prime coat, one day for finish coat.
- Rubber base cannot be installed until the carpet is completed (one day required)
- Carpet cannot be installed while other trades are working in the area. All painting, HVAC, Drywall, and electrical work must be completed. One day required.