

The Assignment:

The point of this assignment is to give the entry level assistant construction manager textbook knowledge of common construction trades and tasks including: materials, equipment and tools involved for a particular trade. The ACM should take this time to learn as much about every trade as much as possible. Only by understanding common materials, tools and equipments and the relationship to the particular trade, will an ACM be able to fill out construction related forms, such as material list for particular project, tool list for particular project, equipment list for particular project.

1. Date is 10/19/2009. Assignment is due 10/28/2009. Pay of \$100 will be paid towards assignment.
2. You may come in on Tuesdays and Thursdays to complete the assignment.

Factors I will be reviewing in the quality of your list:

1. Is the list in chronological order of use?
2. Are there any materials, equipment or tools left out that should have been added: ex: for painting, did you forget to add paint thinner as a material
3. Uniform organization of each material, tool and equipment: ex, for painting, there are many types of sizes for brushes and roller types: so under brush, there may be many sizes: 6", 4", 3"...etc

For each construction trade: in excel, create

1. a material list
2. a equipment list
3. a tool list

Rule:

1. Anything that requires electricity is equipment.
2. Large items, anything over 2 feet or 24 inches in length and width. Ladders, tables, scaffold, wheelbarrow, etc. is equipment
3. you will run in to different trades that use the same tool as another construction trade, you still must record that tool again.
4. Material is anything that can be consumed vs. a tool which can be reused.

Assignment: Create folder, named "trade list", store each spreadsheet document in this folder by trade name. Each trade spreadsheet document should have 3 sheets, one for each list above.

Approach:

1. Browse/ read book, scan where the needed information is by trade. If certain list seems overwhelming, ask me to review if full list for trade is necessary.
2. Complete one trade at a time.
 - a. Try to organize each trade
 - i. Organize each list by chronological task for trade. Ex: prepping, site work, etc.

1. Painting,
2. tiling,
3. demolition,
4. plumbing,
5. welding,
6. electrical,

7. roofing,
8. flooring,
 - a. wood flooring
9. cabinetry & installation,
10. moulding,
11. stairs & railing,
12. masonry,
13. concrete,
14. framing,
15. sheetrock & taping,
16. Windows,
17. doors,
18. landscaping,
19. Scaffolding,
20. site safety,
21. Cleaning