**Facility Design - Discussion**

**Topics**

**Facility Design**

Facility Design

Operations managers must be concerned with more than final outcomes (the final product or service delivered). They must be involved in determining the processes used to develop and create the final product and how they can be created or manufactured within the current capacities of the organization.

Successful organizations appear complex because they are made up of a multitude of different departments with each having a specific responsibility in the creation and delivery of the final product or service.

For this Discussion, you will need to conduct research on capacity and facilities *before* you can prepare a complete response to the questions asked. Start this research by reviewing the Web Field Trip resources below.

**Web Field Trip**

**The below relate to your Discussion topic for this week. Please spend some time reviewing these websites before you compose your response.**

*Store design & construction*. (2016). Retrieved from <http://supermarketnews.com/news/store-design-construction>

Phillips, T. (2016). *Phillips enterprises, Inc. Food market designs*. Retrieved from <http://supermarketnews.com/news/store-design-construction>

[How to Layout Your Supermarket](javascript:ulinkPopup('https://kapextmediassl-a.akamaihd.net//business/MT435/MT435_1501C/How_to_Layout_Your_Supermarket.pdf','https://kapextmediassl-a.akamaihd.net//business/MT435/MT435_1501C/How_to_Layout_Your_Supermarket.pdf','800','600','location=yes,toolbar=yes,menubar=yes,status=yes,scrollbars=yes,resizable=yes'))

**Discussion topic**

Be sure each of the questions below is addressed. Address each question individually and be careful not to combine your questions and answers:

1. Identify a supermarket/grocery market to discuss for this Discussion topic.
2. What departments within the market tend to be co-located (adjacent to one another)? Do you believe the co-location is planned? If so, why?
3. What departments within the market tend to be distant from one another? What purpose is accomplished by separating these departments so far apart from each other?
4. Why is the layout of the supermarket so important to the overall delivery of the products and services provided?
5. What recommendations would you make to the layout of the supermarket to make the layout more effective or efficient?

2. Journal

**Unit 4: Journal**

You will complete a Journal each week.

Each week, you will work on one aspect that will help you prepare for the course and reflect. Consider this Journal as study notes. This Journal will provide an opportunity to capture new ideas from knowledge gained and record your thoughts throughout the course. This will also give you an opportunity to record questions you may wish to research further in preparation for other assigned work. **Please remember that copying and pasting your own notes without revising is a form of self-plagiarism.**

Click on the Journal tab at the top of the page to add your first entry. Begin your post with the label: **Unit 4: Facility Design**.

Research the following topics related to facility design:

1. *Capacity*
2. *Economy of scale*
3. *Layout*
4. *Cycle time*
5. *FMS*

Select three of the topics listed and compose 3 paragraphs describing the topics (1 paragraph per selected topic) based on the course material and additional research you conduct online.

ID: MT435-04-11-LJ