

Assignment: Quality Management and Lean Systems

Paper

In the modern world, businesses and individuals need to optimize their efforts to gain effectiveness and efficiency. Also, concepts of sustainability, continuous improvement, and processes that ensure increased value are considered to track operations management towards success.

Many of the terms of quality management and lean systems come from Japanese culture and language, due to Dr. W. Edwards Deming's research occurring in Japan. Deming is often referred to as The Father of Quality due to his foundational role in the establishment of Quality Management.

Directions

In this Assignment, you will compose an informative essay in a minimum of 3-full pages in which you specifically address the parts listed below. Make sure to include separate title and references pages, use standard paragraph structure, double spacing, 12-point Times New Roman font, and follow all other APA 6th edition formatting and citation guidelines. Conduct research from credible peer-reviewed sources, the Library, and your textbook to support your responses.

Part 1: Examine the business concepts of quality management and lean systems provided below:

Quality Management

1. *Dimensions of Quality*
2. *Cost of Quality*
3. *Six Sigma*
4. *ISO*
5. *Quality tools*

Lean Systems

1. *JIT*
2. *Lean Production*
3. *Kanban*
4. *Kaizen*
5. *Poka-yoke*

Part 2: Select one concept from each of the lists above and compose your paper to include:

- One aspect of quality management
- One aspect of lean systems

Part 3: Close your paper with the following observations from your research:

The importance of Deming's research to the foundation of quality, and what you could do now, to implement the concepts you selected, to your own life and work.

SCM Standard Requirements

- This Assignment should be a separate MS Word document, preferably in the most current .docx file format.
- In addition to the APA 6th edition style title page and reference page; ensure your paper covers the assigned topics, with a focus on quality. The following items provide additional guidance as to writing expectations.
- Respond to the questions in a thorough manner, providing specific examples of concepts, topics, definitions, and other elements asked for in the questions. Your paper should be highly organized, logical, and focused.
- It must be written in Standard English; demonstrating exceptional content, organization, style, grammar, and mechanics.
- Your paper should provide a clearly established sustained viewpoint and purpose.
- Your writing should be well ordered, logical, and unified; as well as original and insightful.
- Ensure your paper uses APA 6th edition format for content, with properly indented paragraphs, and a minimum of 3 full pages covering the assigned topics to appropriate depth.
- A separate page at the end of your research paper should contain a list of references, in APA 6th edition format. Use your textbook, the Library, and the internet for credible research.
- Ensure you have at a minimum three quality references supporting your work: defining words, or using dictionaries, wikis, or encyclopedias, does not count as a quality reference, or meet university standards for credible online research.
- Be sure to cite both in-text and reference list citations were appropriate and reference all sources. Your sources and content should follow proper APA citation style. Review the APA 6th edition formatting and citation style found at the Writing Center. (The Writing Center can be accessed in Academic Tools. Click on APA Central, then on "Write" at the bottom of the page.) (It should include a cover sheet, paper is double spaced, in Times New Roman 12-point font, correct citations, Standard English with no spelling or punctuation errors, and correct references at the bottom of the last page.)

*Please note: Professors do have academic freedom to modify Assignments and requirements to mitigate against cheating and plagiarism, and help with student learning.

Directions for Submitting Your Paper

Write your paper in a Microsoft Word document and save it in a location that includes your name and the title. Submit your paper to the Unit 2: Assignment Dropbox.

MT435 Unit 2 Assignment: Quality Management and Lean Systems Paper		
Content (50%) 30 pts. (3 Full Pages of Content)	Points Possible	Points Earned
Select one Quality Management concept (select one of the five items listed) and discuss its implications to include the findings of your study and research.	10	
Select one Lean Systems concept (select one of the five items listed) and discuss its implications to include the findings of your study and research.	10	
Make observations related to the importance of Deming's research to the foundation of quality, and what you could do now, to implement the concepts you selected, to your own life and work.	10	
Analysis (30%) 18 pts.		
Work demonstrates synthesis of concepts, research, and experience.	6	
Work demonstrates the student's ability to tie relevant information to real life applications.	6	
Analysis exceeds basic comprehension to demonstrate higher order thinking.	6	
Writing (20%) 12 pts.		
Correct use of APA 6 th edition format, all sources used to support the paper are referenced, three references minimum	4	
Sentences are clear, concise, and direct; tone is appropriate	4	
Spelling, grammar, and punctuation are correct	4	
Total	60	