Topic:

Lean Process or Technique

Paper details:

Research Paper

Each student will be responsible for writing a 15-20-page paper on one aspect of lean processes or techniques. Lean processes or techniques such as

Kaizen, 5s, Just-in-time, poka-yoke, standard work, yokoten, continuous flow processing, Jidoka, Heijunka, quality at the source, visual management, A3 and problem solving, value stream mapping, SMED, pull system, kanban, total productive maintenance, autonomous maintenance, lean culture, etc. You also could analyze a lean technique used by a specific company. The paper should review existing literature and generate an in-depth analysis of the selected topic.

The structure of the paper should include the followings:

Title Page:

Abstract (no longer than 250 words)- It should be at located at the beginning on a separate page. It should sum up the paper and contain the following:

background information about the subject/ justification, the purpose of the paper, main findings/the key points of the analysis, the highlights of the main

conclusions, and the highlights of the recommendations.

Introduction (1 - 2 pages maximum)- Provide background information about the subject and significance of the research

Body of your paper (use headings and subheadings as many as needed)

Conclusion- States only the main conclusions of the newly acquired knowledge

References- Cite all the references used. References must be from peer-reviewed articles published in scientific journals, books, and reliable online sources.

A minimum of 10 scholarly resources is required.

The paper length should be between 15-20-page, excluding title page and references. The paper should be typed in a 12-point font, one inch margins, and

double line spacing. The paper will be graded for both content and presentation. The paper will be evaluated for completeness, scientific accuracy, adherence

to topic, correctness and quality of works cited, and presentation (readability, grammar, and spelling). References should follow the American Psychological

Association Publication Association style. The following link from Purdue university is very useful for APA formatting and style:

https://owl.purdue.edu/owl/research\_and\_citation/apa\_style/apa\_formatting\_and\_style\_guide/general\_format.html

The paper must be an original work. Your source of information should be taken from peer-reviewed articles published in scientific journals, books, and

reliable online sources (typically government or scientific society). There is a zero-tolerance policy for Plagiarism. Coping materials from the Internet or other

sources without citing the source is a serious offense. If more than five words in a row are found to be copied from the Internet or other sources without

citation, the student will receive a grade of “F” for both the paper and the term.

Book for course is:

Manos, A. & Vincent, C. (2012). The lean handbook: A guide to the bronze certification body of knowledge. Milwaukee, WI: ASQ Quality Press. ISBN-13: 978-

0873898041