

QUALITY MANAGEMENT 444

Tutorial 7 (Week 7&8)





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⦿ Groups 1 - 5

⦿ TOPIC 1

- **Explain the difference between quality control and quality assurance**

⦿ Guidelines:

- ⦿ You are an Industrial Engineer (IE) and your client wants to embark on a quality control initiative. However, the client's personnel currently view *quality assurance* and *quality control* as the same thing. You need to prepare a presentation to clearly explain the difference between these two concepts and why both are important for effective quality management.
 - Prepare a presentation (maximum 7 slides).
 - Use the notes section in PowerPoint to capture what you would say for each slide if presenting live.
 - Use sources beyond the prescribed textbook.
 - Submit your PowerPoint presentation on STEMLearn.
 - Include both theory and practical examples.



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⦿ Groups 6 - 10

⦿ TOPIC 2

- **Research and explain the concept of 'self-control' and the importance of this in quality management**

⦿ Guidelines:

- ⦿ You are an Industrial Engineer (IE) in an organisation that wants to establish a stronger culture of self-control among employees. You need to prepare a presentation to 'pitch' the idea to personnel, showing how self-control contributes to improved quality management and organisational performance.
 - Prepare a presentation (maximum 7 slides).
 - Use the notes section in PowerPoint to capture what you would say for each slide if presenting live.
 - Use sources beyond the prescribed textbook.
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⦿ **Groups 11 - 15**

⦿ **TOPIC 3**

- **Research and explain the importance of strategic planning and its link to quality management**

⦿ **Guidelines:**

- ⦿ You are an Industrial Engineer (IE) advising a company that wants to strengthen its long-term competitiveness. Many employees see quality management as a purely operational activity, disconnected from the company's strategic direction. You need to prepare a presentation to show how strategic planning supports quality management and why this is essential for sustainable organisational success.
 - Prepare a presentation (maximum 7 slides).
 - Use the notes section in PowerPoint to capture what you would say for each slide if presenting live.
 - Use sources beyond the prescribed textbook.
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⦿ **Groups 16 - 20**

⦿ **TOPIC 4**

- **Research and explain the concept of organisational roles and responsibilities and their link to quality management**

⦿ **Guidelines:**

- ⦿ **You are an Industrial Engineer (IE) brought in to clarify how different organisational roles and responsibilities influence the success of quality initiatives. Many employees believe that “quality is only the responsibility of the quality department.” You need to prepare a presentation to demonstrate how managers, supervisors, and employees each play a role in supporting quality management (please consider the different organisational roles in Chapter 8.**
 - Prepare a presentation (maximum 7 slides).
 - Use the notes section in PowerPoint to capture what you would say for each slide if presenting live.
 - Use sources beyond the prescribed textbook.
 - Submit your PowerPoint presentation on STEMLearn.
 - Include both theory and practical examples.