**INSTRUCTIONS:**

* Watch the following 9 Videos
* Write a synopsis for each video = Each student must submit **a document of  1,400 words or more.**(mini-submission due to the coronavirus).
* You can answer the following questions by watching the videos.
* You can add material from the book or Google articles  (in which case please reference your sources)

**VIDEO TUTORIAL #1:**  (10 minutes)

**Seven Quality Management principles:**[**https://www.youtube.com/watch?v=TivDqV6GG9M**](https://www.youtube.com/watch?v=TivDqV6GG9M)

              Suggested discussion:

* What are the 7 Quality Management Principles?
* You are a Quality Manager in a large corporation of your choice. How can you apply these principles in all your processes to ensure that your organization will be successful?

    **VIDEO TUTORIAL #2:**  (relevant to the risk video below) (8 minutes)

**Project Management in under 8 minutes:**[**https://www.youtube.com/watch?v=qkuUBcmmBpk**](https://www.youtube.com/watch?v=qkuUBcmmBpk)

Suggested discussion:

* Create a synopsis of what Project Management is, and its basic steps.
* In your opinion, what are the most challenging aspects of Project Management?
* In your opinion, what are the most challenging aspects of Problem Solving in your selected industry or in general?

**VIDEO TUTORIAL #3:**  **(2 videos, 9:46 mins total)**

**Project Risk Management: Plotting and Managing Risk In Projects**

* Please remember our in-class workshop with your problem-solving group discussions and notes!

**Video #3a:**[**https://www.youtube.com/watch?v=x7A9idByPA4**](https://www.youtube.com/watch?v=x7A9idByPA4)**(4**:05 minutes)

**Question:**What is the triple constraint? (Define the time, cost, quality aspects of the triple constraint).

**Video #3a:**<https://www.youtube.com/watch?v=D3S6kpBlDbk> (5:41 minutes)

**Questions:**What is the definition of risk? What is a “risk register”?

**VIDEO TUTORIAL #4:**  (8:04 minutes)

**What is SAP? Why do we need ERP?**[**https://www.youtube.com/watch?v=lYCEQqSM08I**](https://www.youtube.com/watch?v=lYCEQqSM08I)

               **Questions:**What is SAP? What is ERP?

**VIDEO TUTORIAL #5:**  (3:09 minutes)

**Drone transforms inspections conducted in the oil and gas industry.**<https://www.youtube.com/watch?v=IZ8yaP9FWEc>

              **Questions:**Briefly describe how drones can be used to inspect the energy industry.

**VIDEO TUTORIAL #6:**

[Quality standard improvement on the supply chain with LineWorks SQM - YouTube](https://www.youtube.com/watch?v=m2pXu1kwoDA)

**VIDEO TUTORIAL #7**

[a day in the life QA Engineer - YouTube](https://www.youtube.com/watch?v=Y4TZVE7Qbts)

**VIDEO TUTORIAL #8:** Watch this job-related video, and answer at least 3 of the Interview questions, by demonstrating YOUR PERSONAL SKILLS.

Would you consider a job in Quality Assurance, and why?

[QUALITY ASSURANCE Interview Questions And Answers! (QA Interview Questions) - YouTube](https://www.youtube.com/watch?v=V3-hVT1oBB8)

**VIDEO TUTORIAL #9: if** your career path is purchasing specialist, explain how you can revolutionize quality control for the particular industry type.

[Revolutionizing Manufacturing Quality Control - YouTube](https://www.youtube.com/watch?v=J9NyrbzULw8)