Research Project

"The Construction Industry"

Project Objectives:
- Define the construction industry.
- Understand the role it plays in building society's infrastructure.
- Identify issues and problems in the industry.
- Recommend solutions to the problems in the industry.

Focus: Report in writing and orally in a formal presentation, one of the following sectors:
- Residential Construction
- Highways and Bridges
- Water and Waste Water Treatment
- Tunneling
- Pipelines
- High Rise Construction
- Renovation and Restoration
- Airport Construction
- Ports & Harbors Construction

Problems Identification:
Team members research the industry and focus on one of the sectors identified above. The team participants discuss (AFTER A THOROUGH STUDY) the different problems they have discovered. After discussions within the group, follow the following process:
- List the final agreed upon issues and problems of the industry.
- Prioritize the problems according to severity.
- Fine-tune the prioritization after you conduct an evaluation of these issues.
- Search for a solution or solutions.
- Recommend the appropriate solutions.
- Conclude with the study outcome.

Team Management:
- Select a leader in of the group.
- You are required to deliver five different team projects. EACH PROJECT SHOULD HAVE A DIFFERENT TEAM LEADER.
- Distribute the tasks among the team members and make sure that they are peer-reviewed. EACH TEAM MEMBER IS REQUIRED TO UNDERSTAND AND TO RESPOND TO QUESTIONS ON ANY PART OF THE PROJECT.
- Report your activities in a written report. Provide, dates, times, and places of meetings, your agenda for that day and the role of each participant in the team.
- It is recommended that you follow the guidelines of meetings and that for your purposes, DO NOT MEET MORE THAN 90 MINUTES AT A TIME AND RUN IT EFFICIENTLY.

Written Presentation:
- The report must be formally submitted with a cover title page, table of contents, the report should be paginated, appendix and reference sections and then finally bound.
- All reports should use the standard practices of 12 point fonts for text with headers and footers.
- Your report should not be more than seven pages, with the lines at 1.5 spaces, one-inch space around except the left at 1.5”.
- Follow the attached research paper development guidelines.
Evaluations:
Use the evaluation table attached for project presentations.

Evaluate in confidence your team members using the following as a guide for a grade:
1. Participation
2. Attendance
3. Cooperation
4. Professionalism
5. Add any other evaluation as you deem necessary

Useful Considerations:
In writing your report, make sure that you refer to a technical writing reference. I RECOMMEND THAT YOU SEEK MY COMMENTS AND THE WRITING CENTER’S COMMENTS AFTER YOU WRITE THE REPORT FIRST DRAFT. It is recommended that you:
1. State the objective.
2. State the present situation.
3. State the desired outcome.
4. State the potential strategies. These are ways to reach the desired outcome.
5. List the advantages and disadvantages of each strategy. Here you include cost, the amount of time required to implement the strategy (short term and long term time commitments, materials and people needed.
6. Recommend one or more strategies and what to do next. You may propose one of the strategies, assign someone to look into another one or combine strategies.