

Scenario Assignment, Part 1a: Topic Proposal / Paragraph

The first part of the assignment consists of proposing your group's topic. Please answer the questions below in full and thoughtful sentences. Your topic should be focused, not too broad, and it should deal with a problem, issue, or case study in your field and how you as professionals in the field could think about solving this problem. Keep in mind that you will be using your topic for two final projects: 1) a research-based report that your team will write together, in parts, during week 3-8 and 2) a film or presentation that your group will do in week 10.

If you are choosing one of the pre-written scenarios, explain how you will approach it for these two final projects.

All writing must be in your own words. (No quotes from sources are necessary here.) **DUE:** end of lecture, week 3.

Section: 103 Group Number: 4 "engineering"

Group members (here today in class only):

✓ -	
✓ ✓	
✓ ✓	
Name	
Ef ✓	
✓ ✓	
L ✓	

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ASSESSMENT AND GRADING RUBRIC

Criteria	Available	Score
Topic is well focused for semester-long project, with appropriate background	1	
Compelling explanation of topic's importance and interest	1	
Draft thesis statement is debatable	0.5	
Participation in drafting process	0.5	
Answers are thorough; writing is clear; very few grammar or spelling errors	1	0.75
TOTAL	4	3.75

1. What is your topic? (1-2 sentences)

we will be talking about the chernobyl disaster, we found it interesting as engineers.

2. Please provide 3-4 sentences of background information on your topic.

The incident happened on the 26th of April 1986, in the city of Pripyat (Ukraine) that is under the wing of the Soviet Union. The issue was on reactor number 4 many errors led to the overheat of uranium. It is considered the worst nuclear disaster in history.

3. Why is it important for professionals in your field to understand this topic or case study? What can they learn from it? (2-3 sentences)

to know the causes of the defect and try to avoid it in the future for the safety of people and the earth. This left a huge impact in the world it caused environmental damage and pollution and it caused thousands of deaths that's why it's important for us engineers to study it

4. Why is your topic interesting for people in other fields? What can they learn from it? (2-3 sentences)

This topic is certainly important for others because it is interacting with people's safety. Since Chernobyl was being used as a source of power and sadly a disaster happened we can learn from that how to deal with nuclear plants. Moreover, we came up with new safety measures when working on nuclear power plants.

5. What is your group's *educated opinion* on your topic? That is, what is the main way the problem should be solved in the opinion of your group? Note: this may change as you do research! But say something now, so that you have something to change! Some version of this should eventually become your thesis statement. Also note: this should be *debatable*, not just a statement of fact or a bland statement everyone would agree with. (1-2 sentences)

This is a huge incident that left its mark in the world. People study the mistake that led to the disaster of Chernobyl and try to prevent it from happening again. This incident could've been solved or prevented with many ways as engineers. This could've been avoided if the nuclear plant was maintained well and it wasn't put under a lot of stress which led to the nuclear disaster.

6. Please add any other information you feel is necessary to explain your group's approach to the topic. (Or, if you ran out of space on another answer, add to that answer here.)