This assignment focuses on the need for rigorous software engineering techniques. You will be asked to write a thoughtful 1 page (single-spaced, 11-point font, 1-inch margins) critique on the potential negative impacts when *ad hoc* software engineering techniques are used in the development of safety-critical applications.

After reading the Therac-25 paper, write a 1-page critique that addresses the following points.

1. Who was at fault for the Therac-25 accidents? Explain your answer.

2. What could/should have been done differently to prevent such tragedies? Your answer should refer to technological advances and/or human factors and/or organizational factors.

3. Could the same accidents happen today? Explain with at least 2 concrete examples, including bibliographic references.

Your critique will be evaluated according to the following criteria:

- Have you presented a cohesive writeup? (Do not submit short answers for each of the above points. The critique should be read as one document.)

- Have you addressed all of the technical points, using concrete examples to support your arguments?

- Does each paragraph have a thesis sentence with the paragraph body containing supporting text?

- Has the document been thoroughly proofread and typos eliminated?