

## WEEK 8 ASSIGNMENT

Write a 1-2 page structured paper in response to your readings. The paper must focus on a single question; you may choose from the list below, but you are encouraged to formulate your own question. Your paper must follow the format explained in the Homework section of the site.

Tentative questions for your reading response:

1. Is computer technology driving society or is it driven by society? Provide your own example and compare it with the case of integrated circuits for the Apollo Guidance Computer.
2. How does computing change the way pilots operate their vehicles? What are the advantages and the dangers of flying-by-wire? Compare it to other examples of doing-by-wire in other fields.
3. Can software be made completely reliable? What strategies should be used to reduce the possibility of computer error in a critical application? Compare cases from aerospace industry with your own examples.