Class Activity 1:

- Do we need robots capable of making ethical or moral decisions, such as in the case of a self-driving car? Under what circumstances? For what?
- Are robots (in the context of a self-driving car) the kinds of entities capable of making ethical or moral decisions?
- Whose morality or what morality should be implemented?

Class Activity 2:

Represent a person in the Therac-25 controversy (e.g., but not limited to, company, programmers, doctors, technicians). Focus on answering the following questions in your chosen role:
- I. What was their moral responsibility
- II. What each stakeholder did
- III. What they didn’t do
- IV. What they could have done differently
- V. How that affected what happened
Class Activity 3:

Most of you wouldn’t work with technology with life-critical implications. But automation is pervasive. In the Therac-25 case, automation was in the form of computerization.

I. When is automation good?
II. When is it not good?
III. What checks should be in place to ensure automation is safe and reliable?

Class Activity 4:

Most of you wouldn’t work with technology with life-critical implications. But software reuse is pervasive in many applications.

I. When is reuse good?
II. When is it not good?
III. What checks should be in place to ensure reuse is safe and reliable?