Readings: I will make all readings available as PDFs posted on OwlSpace.

Grading:

- Participation: 25%
- Discussion papers: 25%
- Mid-term: 25%
- Final paper: 25%

Participation: If you attend class, contribute to discussion, and demonstrate a working knowledge of the readings you will get full participation credit. I realize that you may occasionally have to miss class or that you may feel uncomfortable speaking up in discussion. If so, please talk to me about ways to fulfill the participation credit (e.g. short thought papers on the readings). However, it will be easiest for you (and me) if you come to every class, ready to share your ideas and enthusiasm. [But please be courteous and keep in mind that everyone else is in the same boat – a good class discussion is a group effort that raises everyone’s participation score, and not the result of one or two students trying to take charge.]

Weekly papers: I would like you to hand in a one-page discussion paper each week. This should not take you a lot of time to write – I won’t grade on prose or coherence of argument. Instead, concentrate on raising questions for us to discuss in class, and on asking me questions about background material that you need to understand the readings better. These are due 24 hours before class each week. Readings and discussion papers are assigned (and can be returned) via Owl-Space – SO PLEASE CHECK THE COURSE’S OWL-SPACE SITE REGULARLY.

Midterm: There will be a take-home midterm exam handed out on March 11th and due back at the beginning of class on March 18th. This will be worth 25% of your total grade.

Final paper: The history of science (and technology and engineering and medicine and agriculture and …) is much too sprawling a topic to cover adequately in one semester. There will be characters and discoveries that you (and I) cherish that we will not have time to talk about at all. There will be other issues which we will touch on which I hope will whet your appetite to learn more. To try to ensure that the course covers at least some of your neglected interests, therefore, I am assigning a term paper in lieu of a final exam. This paper will be due, in my office (or by email or Owl-Space), at 5:00 p.m. on the day that a final exam for this course would be held.
**Note:** any student with a documented disability needing academic adjustment or accommodations is requested to speak with me during the first two weeks of class. All discussions will remain confidential. Students with disabilities should also contact Disabled Student Services in the Ley Student Center.

**Week of 1/14: Course overview (readings optional)**


**Week of 1/21: War and preparations for post-war**

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<tr>
<th>Watch excerpts from <em>Modern Marvels: The Manhattan Project</em> (in-class)</th>
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**Week of 1/28: The nuclear age**

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<th>Watch excerpts from <em>Them!</em> (in-class)</th>
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Week of 2/4: McCarthyism


Week of 2/11: Education and the standing army of science


Week of 2/18: American science abroad


Week of 2/25: Global nuclearities


Week of 3/11: The social sciences

!!!MID-TERM HANDED OUT!!!  (will cover topics up through the social sciences)

Watch excerpts from The Fog of War (in-class)


Week of 3/18: Corporate research

!!!MID-TERM DUE BACK BEGINNING OF CLASS!!!


Week of 3/25: Big Science


Week of 4/8: Counterculture and backlash

Watch excerpts from *Soylent Green* (in-class)


**Week of 4/15: The Cold War arc – a case study**

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**Week of 4/22: The Reagan era**

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<th>Title and Source</th>
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