WOMEN, SCIENCE AND TECHNOLOGY

In this course, we will look at science and technology from a female perspective. The following topics will be discussed:

1. The nature of science; in particular the nature of scientific theories and beliefs.
2. The nature of technology. How are we affected by technological innovation?
3. Gender bias in scientific theory and belief.
4. Women in scientific and technical jobs.
5. Do men and women have different scientific and technical aims? What might be the consequences of parity in the scientific/engineering workplace?

Required Textbooks:

D. Albury and J. Schwartz, Partial Progress; The Politics of Science and Technology
Joan Rothschild (ed.), Machina ex Dea; Feminist Perspectives on Technology
E. Fox Keller, A Feeling for the Organism; A Biography of Barbara McClintock

Requirements:

45% Essay (about 15 typed pages or handwritten equivalent)
20% Take home assignments
15% Class participation, ideas, discussion, etc.

Class Times:

Lectures: Wed. 1430 - 1520 K 9505 and
Thur. 1530 - 1520 AQ 5119

Tutorial: Thur. 1530 - 1620 AQ 5119