HTS 6002
Proseminar in the History of Technology

Spring Semester, 2015

Thursdays, 3.05 – 5.55pm

“Identifies major areas of interest in the history of technology and introduces a variety of approaches to the discipline”

Prof. John Krige

(Old CE, Rm 124, Phone 4-7765, email john.krige@hts.gatech.edu)
(Office hours Thursday 12.30-2.30pm)

GRADING:
Participation in class, production of weekly bullet-points and regular presentations: 20%

Take-away paper: 80%

The take-away paper will be distributed on April 24, and must be submitted no later than 6pm on May 1.

January 8.
General discussion and introduction

January 15. Historical Overview

Joel Mokyr, The Lever of Riches. Technological Creativity and Economic Progress (New York: OUP, 1990) (exclude part IV if you are pressed)

January 22. Standardization and Mass Production (I)

January 29. Standardization and Mass Production (II)


February 5. Standardization and Mass Production (III)


February 12. Some ‘theory’: Technological Determinism, Path Dependence and Social Constructivism

Merritt Roe Smith and Leo Marx (eds), *Does Technology Drive History? The Dilemma of Technological Determinism* (MIT Press. 1998), chapters by Roe Smith, Hughes, Williams, Marx, Staudenmaier.


February 19. American Technological Prowess


February 26. Infrastructural Technologies: Power


March 5. Science, Technology and the Cold War State


Aaron L. Friedberg, *In the Shadow of the Garrison State* (Princeton University Press), chapter 8 (provided by JK)
Joseph V. Kennedy, “The Sources and Uses of U.S. Science Funding,” The New Atlantis, Summer 2012, 3-20 (provided by JK)


March 12. A Critique of the Linear Model


March 19. MIDTERM BREAK

March 26. New Modes of Knowledge Production

Michael Gibbons et al, The New Production of Knowledge. The Dynamics of Science and Research in Contemporary Societies (SAGE 1994)


April 2. Science, Technology and the National Security State


April 9. Technology and Use


**April 16. Domestic Technology**


**April 23. The Transnational Turn**


