H/HPS 176. American Technology from Harpers Ferry Armory to the Military-Industrial Complex.

9 units (3-0-6); second term.

INSTRUCTOR: Prof. John Krige

Thursdays, 7pm -10pm

Recommended vacation reading


Week 1. Introduction: The production and circulation of knowledge

Week 2. The American System of Manufacturing I


Week 3. The American System of Manufacturing II


The Charlie Chaplin silent movie, *Modern Times* will be discussed in class.

Week 4. Industrial Research in the USA


Week 5. Technological Systems and National Identity: the Manhattan Project

Barton J. Bernstein, “Four Physicists and the Bomb: the Early Years, 1945-1950,”

OR


The documentary film, *The Day After Trinity*, will be discussed in class.

**Week 6. Technological Determinism? The Decision to Develop the H-Bomb**


**Week 7. State Patronage and Research after World War II**

AAAS Data on Trends in the Support of R&D after WWII (provided by the instructor)


**Week 8. The Military-Industrial-Academic Complex: General**


**Week 9. The Military-Industrial-Academic Complex: Specific**

Week 10. Rethinking the Science-Technology Relationship


