

# TECHNOLOGY AND WESTERN CIVILIZATION

HST 3337

Fall 2005

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Office Hours: T/Th 2:00-3:00

and by appointment

<u>Date</u>	<u>Topic</u>	<u>Readings</u>
Aug. 18	Introduction	
Aug. 23\25	Origins of Technology: River Civilizations	Marcus Ch. 1-2
Aug30/Sept1	Greco-Roman Technology: Technology, Philosophy and Slavery	Marcus Ch. 3-4
Sept. 6/8	Medieval Technology: Technology and Christianity	Pacey Ch. 1, 2 Marcus Ch. 7
Sept. 13/15	Technology and the Feudal System	Gimpel Ch. 1-4 Marcus Ch. 7
Sept. 20/22	The Agricultural Revolution	Gimpel Ch. 5, 6 Marcus Ch. 5
Sept. 27/29	Technology and the Rise of Cities	Gimpel Ch. 7, 8, 9 Marcus Ch. 6
Oct. 4/6	Review & Midterm <b>Exam (Oct. 6)</b>	
Oct. 11/13	Renaissance Technology: Printing	Pacey Ch. 3 Marcus Ch. 9-10
Oct. 18/20	Guns, Ships and Empires	Cippola
Oct. 25/27	Artist Engineers	Pacey Ch. 4,5 Marcus Ch. 11
Nov. 1	Prerequisites of Industrialism: Agriculture and Transportation (No class on Nov. 3)	Pacey Ch. 6,
Nov. 8/10	The Industrial Revolution	Marcus Ch. 12
Nov. 15/17	The Factory System and the Age of Steam	Pacey Ch. 7
Nov. 22	Conclusions and Review	
Nov. 29	Exam II (regular class time)	

## Course Requirements

You will be required to take two essay exams (one at midterm and the other during the final exam period).

You are also expected to keep current with the reading assignments, attend class regularly, and participate in class discussions.

If after the midterm exam, you wish to improve your grade or solidify the grade that you have, you may do extra credit work in the form of a 5-8 page double-spaced typed paper in which you analyze a specific issue concerning the relationship between technology and western civilization. Your paper must use at least two sources (books or scholarly articles) outside of the assigned texts. The paper will be due Nov.22, 2005. If you choose to do extra credit, the paper will be averaged as equal to one of the exams.

Note: extra credit cannot hurt your grade - if your paper is not equal to, or higher than, the average of your two exams, I will not count it as part of your grade (exception—any evidence of plagiarism on your paper may result in a failing grade for the entire course).

### **Grading**

Midterm	45%
Exam II	45%
Class Attendance/participation	10%

### **Extra Credit Grading**

Midterm	30%
Exam II	30%
Paper	30%
Class Attendance/participation	10%

### **Required Texts:**

Alan Marcus, Building Western Civilization

J. Gimpel, The Medieval Machine

A. Pacey, The Maze of Ingenuity

C. Cippola, Guns, Sails and Empire

The syllabus is subject to change at the discretion of the instructor.