

**SYLLABUS – HSS 205  
TECHNOLOGY AND SOCIETY  
NORTHEASTERN TECHNICAL COLLEGE**

HSS 205-Section 10

Spring 2008

Mon/ Wed/Fri 10:00 a.m.-10:50 a.m. – Room 536  
Instructor: Jim Draffin-529 Harris Hall-843/921-6929  
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Office Hours: 7 AM to 8AM on Mon/Wed and by appointment.

**TEXT:**

Cross, Gary, and Szostak, Rick. *Technology and American Society: A History, Second Edition*. Upper Saddle River, NJ: Pearson Prentice Hall, 2005.  
ISBN#0131896431.

**OVERVIEW:** This course traces the progress of mankind by tracking innovations from pre-industrial Europe through the Industrial Revolution, American Colonization, the Westward Movement through the United States, the Second Industrial Revolution, and the advance of technology through both World Wars. It culminates with the 21<sup>st</sup> century world we inhabit and the potential for further achievements which will advance our society in the turbulent times we have inherited.

GRADES: Tests (2)	30%
Midterm	20%
Final	20%
Papers (2)	20%
Participation	10%
Total	100%

Class participation is defined as making a brief presentation to the class on an item of current interest to the individual on the subject of technology. The presentation should consist of what has occurred, why it is important, and how it will effect society as a whole.

Most tests will involve multiple choice, matching, true/false, fill-in-the blank and/or essay questions. There will be one opportunity during the semester for an extra credit essay. (5 Points).

**GRADING SCALE:** A=90%, B=80%, C=70%, D=60%, F=under 60%

Students are expected to attend class on a regular basis and have completed the assigned readings which will allow the individual to ask questions and participate in discussions. As well as class discussions, other mediums will be used during the semester such as guest speakers, multi-media presentations, etc.

## CLASS SCHEDULE

Dates	Topic	Readings
January 9	Introduction to the class	
January 11	Effective Testing Skills	
January 14	Library Research	
January 16	Pre-Industrial Europe	chap. 1
January 18	Craftsmen	chap. 2
January 21	Craftsmen	chap. 2
January 23	Women's Roles	chap. 3
January 25	Industrialization	chap. 4
January 28	Industrialization	chap. 4
January 30	Imperialism	chap. 4
February 1	The Factory	chap. 5
February 4	<b>TEST 1</b>	
February 6	Iron, Steam, Rails	chap. 6
February 8	Iron, Steam, Rails	chap. 6
February 11	Research	
February 13	Mass Production	chap. 7
February 15	Mass Production	chap. 7
February 18	Farm Machines	chap. 8
February 20	Nation of Inventors	chap. 9
February 22	<b>NO CLASS</b>	
February 25	2 <sup>nd</sup> Industrial Revolution	chap. 10
February 27	<b>MID-TERM</b>	
February 29	2 <sup>nd</sup> Industrial Revolution	chap. 10

March 3	Modern Corp.	chap. 11
March 5	War	chap. 12
March 7	War	chap. 12
March 10	Women & Technology	chap. 13
March 12	Research	
March 14	<b>TEST 2</b>	
March 17	New Factory	chap. 14
March 19	Depression	chap. 15
March 21	Depression	chap. 15
March 24-26-28	<b>NO CLASS</b>	
March 31	Sight & Sound	chap. 16
April 2	Mass Culture	chap. 17
April 4	Atoms	chap. 18
April 7	Atoms	chap. 18
April 9	Atoms	chap. 18
April 11	Research	
April 14	Advances	chap. 19
April 16	Advances	chap. 19
April 18	Computers	chap. 20
April 21	Computers	chap. 20
April 23	New World	chap. 21
April 25	New World	chap. 21
April 28	<b>FINAL EXAM REVIEW</b>	
April 30-May 6	<b>FINAL EXAM</b>	

**ACADEMIC DISHONESTY:** NETC honors the state TEC Student Code with regard to Academic Dishonesty. Students should read the Student Code. Copies of the Student Code are available in Student Services. Additional copies may be posted in instructional areas. Cheating and plagiarism will be punished in an appropriate manner and may result in extended disciplinary action.

**ATTENDANCE:** Realizing that attendance is essential for the successful pursuit of any academic discipline, students are expected to attend class regularly. Any student who misses more than 20% of classes (9) will be dropped from the class with an unsatisfactory grade of **F**.

**TARDY POLICY:** Arriving late for a class not only disrupts a class in progress but interrupts the learning process. A tardy is defined as the arrival of a student to class after attendance has been taken. Three tardies will constitute a full absence. Leaving class early is counted the same as a tardy and incurs the same penalty.

### **TURN OFF ALL CELL PHONES AND BEEPERS DURING CLASS !**

**MAKE UP TESTS:** Make up tests are given for legitimate reasons (illness, family emergencies, work related issues, etc.) and excuses are required. All make up tests are given in the Success Center.

**CLASS WITHDRAWALS:** It is the student's responsibility to withdraw from the class should he/she wish. **The last date to withdraw without a grade penalty is April 14.**

**STUDENT ID:** It is mandatory that every student wear his/her ID at all times. The instructor will dismiss students without ID from class. The student may get his/her ID and return to class before the midpoint of the class. If the student cannot get his/her ID and return to class by the midpoint, the instructor will record the absence.

**DISABILITIES STATEMENT:** Students with disabilities are encouraged to contact the Vice President for Student Services to discuss needs or concerns as they pursue an academic program and participate in campus life. The Vice President for Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs.

**INCLIMATE WEATHER:** The dates for classes and exams may be changed based on inclimate weather including snow/ice days. Information on the status of college operations can be found on WBSC, WCRE, WPDZ and other radio stations in the area. Cancellations of evening classes will be announced over the same radio stations by 4 p.m.

### **REQUIRED PAPERS**

#1 Write a three page paper (12 font, double spaced, standard margins) on the development and practical applications of the "American System of Manufacturing". This paper is due at the Mid-Term Exam class period.

#2 Write a three page paper (12 font, doubled spaced, standard margins) on the history and current state of nuclear power for commercial purposes in the United States. This paper is due at the Final Exam class period.

### **EXTRA CREDIT ASSIGNMENT**

We live in a high-tech world which creates approximately 50 million tons of discarded computers, TVs, VCRs, monitors, and cell phones each year. Write a three page paper (12 font, double spaced, standard margin) detailing what the U.S. and other advanced nations are currently doing and plan to do in regard to addressing the world wide problem of e-waste.

The extra credit assignment is due at the Final Exam testing period. It must be presented in hard copy form. **No Attachments, No Extensions, No Exceptions.**

**The instructor reserves the right to alter the reading assignments, class schedule, and test dates based on the College schedule, availability of media materials, Acts of God, etc.**