SOCIOLOGY 415: Technology and Society
University of Hawai'i at Mānoa, Summer 2012

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COURSE SYLLABUS

Lecture Posted:	M 6:00pm	Instructor:	Quincy Edwards
Course Dates:	06/04-08/11/2012	Office hours:	TBA
Course No.:	4045 *(WI)*	Office location:	TBA
Online System:	Laulima	Email:	quincy.edwards@hawaii.edu
	https://laulima.hawaii.edu/	Web:	http://www2.hawaii.edu/~qedwards/

1. *Classmate contact information:*

    Name: _____

    email: _____

    Tel.: _____

2. *Classmate contact information:*

    Name: _____

    email: _____

    Tel.: _____

CONTENTS OF THIS SYLLABUS:

UH CATALOG COURSE DESCRIPTION

> **SOC 415 Technology and Society (3)** *Nature of technology, social forces that affect its adoption; impact on society; innovation.* **DS WI**
>
> *NOTE: This course has been approved as writing-intensive (WI) and you will receive a WI credit upon successful completion of the course requirements.*

INTRODUCTION

In this course, attention will be given to different aspects of the relationship between technology and society and directions for the future. The nature of technology and the process of innovation are driven by social influences and pressures. Those social influences mean that technologies reflect and often reinforce the structures of social, economic, and political power in any society.

Students will examine the way in which technology is affected at a fundamental level by the social contexts in which it develops, challenging the common view that technological change follows its own logic of progress, independent of human actors. They will develop critical thinking skills to understand how technology is shaped by social factors and how technology contributes to shaping society by examining various case studies.

INSTRUCTOR'S ADVICE TO STUDENTS

This syllabus is different from many others. It is longer than some, more detailed than most. But most importantly, it is designed to help you successfully pass the course. Please keep this syllabus for reference during the course.

In the following pages, there are many suggestions to you but the most crucial one is this: Get help as soon as you think you need it. Do not create an insurmountable "catch-up" problem for yourself. If you are seriously in need of help, make an appointment to meet with me.

Because this course is somewhat concentrated and the learning process is a cumulative one, it is imperative that students do not fall behind. To this end, the following practices will be adopted:

1. Each assignment will be graded and individual feedback provided.
2. After the mid-term examination, each student will be provided with an individual grading sheet that explains any deduction of points. Students are encouraged to contact me to discuss their progress.
3. If you would like an appointment to meet with me on campus, arrangements can be made via email.
4. You may also communicate by means of the suggestion form included at the end of the syllabus. Make a suggestion, bring about a complaint, or just remind me of something….

Most importantly, take ownership of your education in this class by completing all reading and writing assignments on time and participating in online discussions.

MEASURABLE STUDENT LEARNING OUTCOMES

The goals of this course are for students, using both theory and contemporary application, to:

1. Explore, within historical and contemporary contexts, the societal implications of technology.
2. Identify the social forces that affect the adoption of technology and innovation.
3. Consider the public policy implications of innovation.
4. Recognize the changing nature of technology and its impact on society.

To accomplish such goals, a combination of lectures, readings, discussions, and writings will be employed. Lectures and readings will focus on the introduction of new material; discussions and writings will assist in comprehension of the material.

REQUIRED TEXTBOOK

Volti, Rudi. 2009. *Society and Technological Change*. 6th edition. Worth Publishers Inc
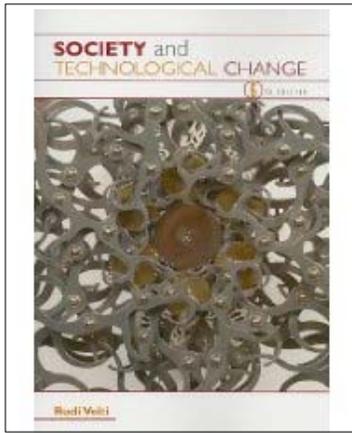
Title: Society and Technological Change
Edition: 6
Hardcover: 332 pages
Publisher: Worth Publishers Inc. (March 6, 2009)
Language: English
ISBN-10: 1429221216
ISBN-13: 978-1429221214
Product Dimensions: 8.8 x 6 x 1.2 inches
Shipping Weight: 1.2 pounds
List price: $38.63

UH Bookstore:	TBA
Amazon:	$49.34
Barnes & Noble:	$56.75 (Members, $51.07)
Borders:	$60.80
CourseSmart.com	$27.95 (180-day eBook)
eCampus:	$54.60 (eBook, $33.54)

COURSE READINGS

A set of supplemental readings will be provided.

COURSE MANAGEMENT SYSTEM

Laulima is the University of Hawaiʻi course management system. Links to the discussion board and other salient features will be provided thereon.

COURSE MATERIALS

1. An active UHM email account that is checked regularly as there will be times when I will contact you individually or as a class.
2. A reliable computer with internet access. (ITS labs are available throughout campus with generous hours of operation.)

ATTENDANCE POLICY

This is an online asynchronous course. Your active participation constitutes your attendance. While attendance is not explicitly used in the calculation of your overall course grade, I am required to report excessive absences – or in this case, non-participation – to your academic dean. The matter is then left to the dean's discretion.

Having explained the attendance policy, please know that research has shown — and my experience confirms — that absenteeism is correlated with lower grades. This is especially true of this course as the knowledge is cumulative with each step building on the previous step. Inconsistent attendance creates insurmountable "catch-up" problems for students.

In other words, absenteeism is counter-productive to your academic objectives and strongly discouraged. However, this course will come easily to anyone who keeps up with the assignments and gets help when needed.

COURSE DESIGN

1. *Class discussions & critical readings*

    Students' active participation in online discussions is **required**. Class discussions are based on students' reflections on reading assignments, video clips, current events, and other relevant materials. Discussion questions may require some thought and possibly some research, and so it will be unwise for students to wait until the due date before posting their comments.

    Regular, timely, and meaningful participation is a key factor in earning a higher grade.

2. *Quizzes*

   Quizzes are "open book, open notes" quizzes directly related to the reading assignments. Each will consist of approximately 10 questions that may include multiple choice, true/false, matching elements, or any combination thereof.

   Because these are designed to ensure that students are completing the readings and comprehending them, the quizzes may be taken twice. The highest score on each quiz will be applied to the final grade.

3. *Technology & Society Portfolio*

   Each student will complete a technology and society portfolio approximately 20 pages in length. In this portfolio, students will discuss, illustrate, apply, and critique sociological concepts and theories as they relate to technology and society.

   MID-TERM

   Students will submit PART I of the technology and society portfolio by the date specified in the Schedule of Reading Assignments and Examinations. The portfolio will be reviewed and returned by the instructor for the student to make revisions.

   FINAL DRAFT

   Students will submit PART II of the technology and society portfolio by the date specified in the Schedule of Reading Assignments and Examinations. The instructor will review and return it in sufficient time for revisions to be made before submission of the final portfolio.

   FINAL

   Students will resubmit PARTS I and II of the theory portfolio consisting of approximately 20 pages formatted according to instructions and with evidence of improvement over previous drafts. Final papers *will not* be accepted without previous portfolio submissions and the instructor's subsequent comments.

ASSIGNMENT DUE DATES

Do NOT miss any *due dates*! While the course is structured in a weekly format, there are five due dates that students must meet—

> June 11, 2012,
> June 25, 2012,
> July 16, 2012,
> July 30, 2012, and
> August 10, 2012.

This online course allows you the freedom to self-direct your work within extended timeframes. As a result, no late work will be accepted beyond the due dates listed in the schedule.

EXTRA CREDIT

There may be a possibility that extra credit will be offered during this course. However, in order for any extra credit to be applied to a student's final grade, all course work must be completed. If a student fails to complete an assignment or an exam, the extra credit will not be counted toward the student's final grade.

METHOD OF EVALUATION: Assignments, Examinations and the Course Grading Criteria

Grading Policy

The overall grading structure of the course consists of:

Class discussions & critical readings 20%
Quizzes... 35%
Part I Portfolio (Draft) 10%
Part II Portfolio (Draft)................................. 10%
Final Submission of Portfolio 25%

Course Grading Criteria

This course employs a criterion grading system. Therefore, theoretically, everyone in the class could earn an "A". This helps to prevent students from being penalized in the event that one or two students do exceptionally well. To *assure* a specific grade, consider the following scale:

94-100% = A	87-89% = B+	77-79% = C+	67-69% = D+
90-93% = A-	83-86% = B	73-76% = C	63-66% = D
	80-82% = B-	70-72% = C-	60-62% = D-

GENERAL INSTRUCTIONS FOR PREPARING ASSIGNMENTS

Quality and clarity of content presented are grading criteria. All answers must be given in context and neatness counts. Written assignments are to be typed in 10-point Arial or 11-point Times New Roman fonts, double-spaced, with all margins set at one inch and no additional spacing between paragraphs. The grade for a paper will be based on:

1. *Presentation Style*

    (a) Grammar (e.g., sentence structure, noun-verb agreement, consistent verb tense)

    (b) Spelling and punctuation

    (c) Correct citation (ASA style). Each citation must be the result of an in-text reference with page number.

    (d) Except for the title page, all pages are to be numbered consecutively at the top right-hand margin.

2. *Organization*

    (a) Structure and format

    (b) Logical sequencing and continuity of ideas

    (c) Clarity of expression

    (d) Conciseness.

3. *Content*

    As indicated by specific paper assignment.

    NOTE: Citation Guides and Style Manuals are available at:
        http://www.asanet.org/Quick%20Style%20Guide.pdf

SCHEDULE OF READING ASSIGNMENTS AND EXAMINATIONS (SUMMER 2012)

✓	ASSIGNMENT	CHAPTER	WEEK.	POSTED
☐ ☐	CHAPTER 1 *Reader*	THE NATURE OF TECHNOLOGY TBA	1	6/04/12
➔	QUIZ & DISCUSSION FROM WEEK 1 DUE BEFORE 12 NOON		2	6/11/12
☐ ☐	CHAPTER 2 CHAPTER 3	WINNERS AND LOSERS: THE DIFFERENTIAL EFFECTS … THE SOURCES OF TECHNOLOGICAL CHANGE		
☐ ☐ ☐	CHAPTER 4 CHAPTER 5 *Reader*	SCIENTIFIC KNOWLEDGE AND TECHNOLOGICAL ADVANCE THE DIFFUSION OF TECHNOLOGY TBA	3	6/18/12
➔	QUIZZES & DISCUSSIONS FROM WEEKS 2 THROUGH 3 DUE BEFORE 12 NOON		4	6/25/12
☐ ☐	CHAPTER 6 CHAPTER 7	TECHNOLOGY, ENERGY, AND THE ENVIRONMENT MEDICAL AND BIOLOGICAL TECHNOLOGIES		
☐ ☐ ☐	CHAPTER 8 CHAPTER 9 *Reader*	GENETIC TECHNOLOGIES WORK IN NON-INDUSTRIAL SOCIETIES TBA	5	7/02/12
	HOLIDAY — Independence Day 7/04/12			
☐ ☐	CHAPTER 10 CHAPTER 11	TECHNOLOGY AND JOBS: MORE OF ONE AND LESS OF … TECHNOLOGICAL CHANGE AND LIFE ON THE JOB	6	7/09/12
➔	QUIZZES & DISCUSSIONS FROM WEEKS 4 THROUGH 6 AND DRAFT OF PART I OF PORTFOLIO DUE BEFORE 12 NOON		7	7/16/12
☐ ☐ ☐	CHAPTER 12 CHAPTER 13 *Reader*	PRINTING THE ELECTRONIC MEDIA TBA		
☐ ☐ ☐	CHAPTER 14 CHAPTER 15 CHAPTER 16	WEAPONS AND THEIR CONSEQUENCES HOW NEW WEAPONS EMERGE … TECHNOLOGY AND ITS CREATORS: WHO'S IN CHARGE …	8	7/23/12
➔	DRAFT OF PART II OF PORTFOLIO DUE BEFORE 12 NOON		9	7/30/12
☐ ☐ ☐	CHAPTER 17 CHAPTER 18 *Reader*	ORGANIZATIONS AND TECHNOLOGICAL CHANGE GOVERNING TECHNOLOGY TBA		
☐		FINAL EXAM WEEK	10	8/06/12
➔	QUIZZES & DISCUSSIONS FROM WEEKS 7 THROUGH 9 AND FINAL SUBMISSION OF TECHNOLOGY & SOCIETY PORTFOLIO DUE BEFORE 12 NOON ON **8/10/12**			

ADHERENCE TO ALL DUE DATES IS IMPERATIVE. EXTENSIONS WILL NOT BE GIVEN.

IMPORTANT REGISTRATION AND WITHDRAWAL DEADLINE INFORMATION

06/11/2012	Last day to register/add courses. Last day for 100% tuition refund.
06/18/2012	Last day to receive 50% tuition refund.
06/18/2012	Last day to drop classes (No "W" on transcript).
07/16/2012	Last day to withdraw from class ("W" on transcript).

JUNE 2012						
MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**	**SATURDAY**	**SUNDAY**
4 **First Day Sign-in**	5	6	7	8	9	10
11 **Quiz and Discussion Due** 12 noon	12	13	14	15	16	17
18	19	20	21	22	23	24
25 **Quizzes and Discussions Due** 12 noon	266	27	28	29	30	JULY 1

JULY 2012						
MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**	**SATURDAY**	**SUNDAY**
2	3	4 **Independence Day HOLIDAY**	5	6	7	8
9	10	11	12	13	14	15
16 **Mid-term (Part I of Portfolio), Quizzes and Discussions Due** 12 noon	17	18	19	20	21	22
23	24	25	26	27	28	29
30 **Part II of Portfolio (Draft) Due** 12 noon	31					

AUGUST 2012						
MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**	**SATURDAY**	**SUNDAY**
		1	2	3	4	5
6 Finals Week	7 Finals Week	8 Finals Week	9 Finals Week	10 **Quizzes, Discussions, and Final Due 12 noon**	11	12

Disclaimer: If circumstances change, the instructor reserves the right to alter, modify, amend, or otherwise change the syllabus. No changes are anticipated at this time, but if changes do become necessary, students will be notified in writing.

KOKUA FOR STUDENTS WITH DISABILITIES

Any students who feel they may need an accommodation based on the impact of a disability are invited to contact me privately. I will be happy to work with you and the KOKUA Program (Office for Students with Disabilities) to ensure reasonable accommodations in my course. KOKUA may be reached at:

Queen Lili'uokalani Center for	*Tel.:*	*(808) 956-7511*
Student Services 013		*or (808) 956-7612 (Voice/Text)*
2600 Campus Road,	*Fax:*	*(808) 956-8093*
Honolulu, HI 96822	*Email:*	*kokua@hawaii.edu*
Hours: Monday-Friday, 7:45am-4:30pm	*Website:*	*http://www.hawaii.edu/kokua/*

The KOKUA Program — *Kahi O Ka Ulu'Ana* ("The Place of Growing") — is the primary campus unit responsible for providing academic access services to students with disabilities toward equal opportunity. Creating equal access is a shared responsibility of students, faculty, KOKUA, and the entire campus community. KOKUA is administratively situated in the Office of Student Equity, Excellence, & Diversity within the Division of Student Affairs.

IMPORTANT NOTE CONCERNING STUDENT CONDUCT

Students are required to abide by the University of Hawai'i at Mānoa Student Conduct Code. Note that "the University of Hawai'i at Mānoa exists for the pursuit of knowledge through teaching, learning, and research conducted in an atmosphere of physical and intellectual freedom. Moreover, members of the UH academic community are committed to engage in teaching, learning, research, and community service and to assist one another in the creation and maintenance of an environment which supports these activities. It is therefore the policy of the University that members of the academic community may not violate the rights of one another nor disrupt the basic activities of the institution (as provided in section 1-4, chapter 1 of the Board of Regents' Bylaws and Policies [Part D]). Students who are disruptive are, consequently, subject to a variety of academically related penalties which may include reprimand, probation, restitution, suspension or expulsion." (http://www.manoa.hawaii.edu/students/conduct/).

Furthermore, recognize that the code prohibits all forms of scholastic dishonesty, including cheating, plagiarism, and falsification or misrepresentation of experimental data. The code covers all written and oral examinations, term papers, creative works, assigned computer related work, and any other academic work done at the University of Hawai'i. Any violation of the student code will be reported.

Any further questions regarding the Conduct Code should be addressed to the Office of the Dean of Students, Bachman Annex 10, phone V/T (808) 956-3290.

Revised Student Conduct Code (July 2009)

There is a change in the Student Conduct Code that has been adopted by the Board of Regents. The new Student Conduct Code became effective in July 2009. It comes in two parts. The revised system-wide part is available at: http://www.hawaii.edu/apis/ep/e7/e7208.pdf. The Mānoa part is available at: http://studentaffairs.manoa.hawaii.edu/downloads/conduct_code/UHM_Student_Conduct_Code.pdf

"The following are examples of the types of behavior that conflict with the community standards that the UH values and expects of students. Engaging in, or attempting to engage in any of these behaviors subjects a student to the disciplinary process and sanctions on each campus:

1. Acts of dishonesty, including but not limited to the following:

   a. Cheating, plagiarism, or other forms of academic dishonesty.

   b. Furnishing false information to any UH official, faculty member, or office.

   c. Forgery, alteration, or misuse of any UH document, record, or form of identification.

   The term "*cheating*" includes, but is not limited to:

   (i) The use of any unauthorized assistance in taking quizzes, tests, or examinations;

   (ii) The use of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;

   (iii) The acquisition, without permission, of tests or other academic material belonging to a member of the UH faculty, staff or student

   (iv) Engaging in any behavior specifically prohibited by a faculty member in the course syllabus or class discussion.

   The term "*plagiarism*" includes, but is not limited to:

   (i) The use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgement.

   (ii) The unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials."

[E7.208 UNIVERSITY OF HAWAII SYSTEMWIDE STUDENT CONDUCT CODE, July 2009]

ONLINE eCAFE EVALUATION PROCESS

The Department of Sociology is committed to attaining continual improvement in the quality of its course offerings. For this reason, your assistance is much-needed as you progress with your education. As students (and course consumers), only you are able to tell us about your educational experiences in your classes, and you are encouraged to do so through our evaluation process.

Toward the end of each semester, you will be informed of the time period during which the online eCAFE system will be available for submission of course evaluations by logging in to http://www.hawaii.edu/ecafe/.

To assure the openness of the evaluation process and the availability of submitted information to incoming students, current students, the Department, and other interested parties, the results of the evaluations will be accessible at http://www.hawaii.edu/ecafe/.

By participating in this process, you are assuring that UH will continue to improve its course offerings and available resources for students.

STUDENT SUGGESTION AND QUESTION FORM

This form may be completed at any time during the course and sent to me electronically or deposited in my mailbox.

I HAVE THE FOLLOWING SUGGESTION/QUESTION:

PLEASE ANSWER ME (CHECK ONE):

☐   In class (if time permits).

☐   Through my email at: _____

☐   No answer is required.

NAME (optional):   _____