

ICT 205 Section 001
Issues in Information and Communication Technology Policy
MWF – 9:00 – 9:50AM: Lucille Little Library Room 311

Instructor: Dr. Nicholas Proferes
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Office Phone: 859-218-3417
Office hours: Monday and Wednesday, 10 – noon.
Virtual Office hours: Available via Skype during Office Hours.
Preferred method of contact: Email
I usually respond to questions within 48 hours.

Course Description

This course introduces students to the legal, political, and ethical issues confronting today's information professionals and the subsequent impact of these issues on information and communication technology (ICT) policy and law development. The rapidly evolving ICT infrastructure and the global shift to an information society will provide the context for the course. Emphasis will be placed on: organizational policy development, information ethics, computer ethics, freedom of speech and expression online, information filtering, intellectual property, cyber law, and pertinent legal and political acts related to the present information and communication infrastructure. All of these issues are examined with respect to the global cultures from which they develop.

Prerequisites

None

Student Learning Outcomes

Students completing the course will be able to:

1. Define and describe relevant aspects of ICT policy.
2. Understand how systems of shared values influence the creation of laws, policies, and regulations.
3. Recognize, evaluate and determine emerging policy issues and how it impacts the ICT landscape.
4. Identify stakeholders impacted by ICT policy development.
5. Critically consider Constitutional Sections, Amendments, Acts, laws and court decisions governing information and communication technologies in the United States and abroad.
6. Critically consider specific national and global policy issues governing information, communication, and technology professions, particularly in regard to freedom of speech, information equity, and standards of moral and ethical conduct.

Course Objectives

1. To examine the ways in which culture influences the creation and maintenance of law, policy, and regulation

2. To examine the implications of current issues and trends in the global ICT infrastructure on policy development and maintenance.
3. To evaluate the methodologies and tools for the development of contemporary ICT law and policy.
4. To analyze key issues in ICT policy related to government and private sector information, intellectual property, censorship, information equity, and information security.
5. To discuss the ethical aspects of ICT policy and law in global civil society.

Required Materials

All class readings will be made available online on Canvas or through UK Libraries Course Reserve.

Course Activities and Assignments

- Class participation – 10%
- Reading Assignments (4 @ 5% each) – 20%
- News briefs (3 @ 3.334% each) – 10%
- Exams (2 @ 15% each) – 30%
- Final App Policy Project – 30%

Summary Description of Course Assignments

Reading Assignments

Students will submit four (4) short reading assignments during the semester. Assignment weeks are marked with “**Reading Assignment X**” on the course schedule. Assignments will be made available Monday morning and students must submit their assignments on Canvas by **Sunday at 11:59 p.m** on the weeks indicated. Your reading assignments will be invaluable as you study for the final exam.

Examinations

Students will be responsible for all of the information contained in the readings, lectures and other presentations. Examinations generally will consist of multiple choice, short answer and essay questions in which it will be necessary for students to spot the issue in the facts provided and, using what we have discussed in class, analyze and answer the question. The professor reserves the right to alter the examination format. Exams are worth a total of 30% of your grade (15% each exam).

Students are expected to be present and on time for each scheduled examination. Only in instances where there is an excused absence will a make-up be given. A student seeking to be excused must present to the professor written evidence of an excusable absence such as personal illness or death in the family. Other excuses must be analyzed on a case-by-case basis. Except during periods of extreme weather conditions, no extra time will be given to examination latecomers.

News Briefs

Three times during the semester, students will be required to complete and submit a news article dealing with an ICT policy issue, along with a brief 250-word explanation of how the news article relates to readings or topics discussed in class. The case for briefing will be indicated on the weekly assignment list. Students must submit their assignments on Canvas by **Sunday at 11:59 p.m** on the weeks indicated.

App Policy Project

This group project is worth 35% of your grade. Students will be placed into groups and will develop an imaginary SmartPhone app, analyze the potential policy implications and issues of the app, and then write its terms and conditions (T&C). Students will give a brief in-class presentation on the app, the policy concerns it raises, and briefly detail how their T&C will help mitigate these issues. (More information to be distributed in class)

Class Participation

Participation is not simply attending class. Students are expected to fully participate in class. This means having completed all assigned readings prior to class and arriving prepared to discuss the topics for that class period. All students participating in class discussions are expected to provide relevant discussion insight, be respectful of other classmates and their opinions and share any relevant personal experience that may add to the topic at hand.

Written Assignments

Written assignments are to be written in Word or Open Office format. Papers are to be **double-spaced** using a 12-point kerned font such as Times New Roman with 1 to 1.25 inch margins. You may not resubmit work that has already been used in fulfillment of the requirement of this or any other course. Rules of academic conduct require that you not use the work of others without clearly indicating it as such. Academic misconduct may result in a lowered grade, no credit for a given assignment, or removal from the course.

It is expected students will both consult and appropriately cite the academic and primary source literature where needed. It is imperative that students employ a variety of scholarly and primary sources on which to build their arguments. As such, you should search bibliographies in the material we are reading, use library databases, and conduct library searches to identify material on their chosen topic. Please rely on a commonly used style manual for your submissions (e.g. APA, MLA or Chicago). These are available in the Library or may be purchased through online book vendors. If you are uncertain about how to cite electronic sources, consult one of the many electronic guides to citing electronic sources available on the net. Minimal reference content includes: author (if known), date (if given), title, URL, and date accessed.

Course Grading

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Below 60% = E

Final Exam Information

Wednesday 12/13/17 – 8 A.M. Lucille Little Library, Room 311.

Mid-term Grade

Mid-term grades will be posted in myUK by the deadline established in the Academic Calendar (<http://www.uky.edu/registrar/calendar>).

Important Notes

1. Be sure to complete readings prior to the class meeting.
2. You are responsible for all information, announcements, and changes addressed in classes and/or Canvas.
3. The instructor reserves the right to alter the syllabus during the semester, if necessary.

Submission of Assignments

Assignments are to be submitted online on Canvas. If you submit a piece of coursework after the deadline but within 24 hours of the deadline, your grade will be reduced by 10 percentage points. Assignments will not be accepted after 24 hours of the deadline.

MAKE SURE YOUR COURSEWORK GETS SUBMITTED ON CANVAS – since the professor can't verify if you submitted your assignment and it didn't actually go through.

Discussing Grades

Students who have grade or exam concerns must approach the professor during office hours, or through appointment. In order to give our full attention to grade issues, the professor will NOT discuss grades or exams before or after class. Once grades are posted online, you may visit the professor during office hours or by appointment to review your exam. Please contact the professor if you do not find your exam score posted. Grades will not be discussed over email or the telephone.

Students who wish to discuss grades or scores earned have one week from the date grades are posted to do so. Grades will not be addressed after this time period has expired. Students need to contact the professor for an appointment to discuss the issue. Students must bring a written explanation of their dispute with them to this appointment. If the matter is still unresolved, students need to contact the director of School of Information Science. Students that do not fulfill these requirements will not be addressed and the original grades will be final.

Attendance Policy

This class is a community whose success depends on *everyone's* participation. It is vital for you to attend class in order to be successful. Attendance will be taken at the beginning of class. If you miss this, it is *your* responsibility to let me know you arrived late. If you are absent on a day when an assignment is due, you will be allowed to hand in or make up that work only if the absence is officially excused. You will be asked to provide official written

documentation for excused absences the next time you are in class in order for your absence to be excused.

If you know ahead of time that you will be absent from class with an excused absence, please discuss this with your instructor and turn in any assignments ahead of time. Excuses for university-sponsored activities must be made prior to such absences. For any emergency situation that arises, email your instructor as soon as you know about the situation when possible. No make-up work is available for in-class exercises or quizzes unless approved in advance by your instructor. Students have one week to complete a missed assignment or quiz due to an excused absence upon their return without penalty.

Excused Absences

Students need to notify the professor of absences prior to class when possible. *Senate Rules 5.2.4.2* defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737, http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php).

Students are strongly encouraged to withdraw from the class if more than 20% of the scheduled classes for the semester are missed per university policy. Please reference the definition of excused absences in the current edition of *Student Rights and Responsibilities* or on the web at http://www.uky.edu/Faculty/Senate/rules_regulations/Rules%20Versions/MASTER%20RULES%20from%20February%202012_clean.pdf

Academic Integrity

Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Senate Rules 6.3.1 (see <http://www.uky.edu/Faculty/Senate/> for the current set of *Senate Rules*) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at drc@uky.edu. Their web address is <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/>.

Policies concerning academic integrity, excused absences and academic accommodations due to disability are available online at:

<https://ci.uky.edu/sis/sites/default/files/policies.pdf>

TECHNOLOGY INFORMATION & RESOURCES

Distance Learning Students are expected to have a minimum level of technological acumen and the availability of technological resources. Students must have regular access a computer with a reliable Internet connection and audio capabilities. Internet Explorer 7 (IE) or Firefox 2.x are the recommended browsers for those using a Windows-based PC. Those using Firefox 3.x may encounter problems with assignment uploads. Those using an Apple computer with MAC OS X (10.5.x) may use Firefox 3.x or Safari 3.x. Please be certain that your computer and/or browser allow you to view Adobe Reader documents (.pdf). Microsoft Office and other software products are free for students: <http://download.uky.edu/>.

As your instructor, I am your first go-to person for technology problems. If you need more immediate assistance, please contact UKIT.

Information Technology Customer Service Center (UKIT)

<http://www.uky.edu/UKIT/>; 859-218-4357

Library Services & Distance Learning Services

<http://www.uky.edu/Libraries/DLLS>

- Carla Cantagallo, DL Librarian
- Local phone number: (859) 257-0500, ext. 2171; long-distance phone #: (800) 828-0439 (option #6)
- Email: dllservice@email.uky.edu
- DL Interlibrary Loan Service:
http://www.uky.edu/Libraries/libpage.php?lweb_id=253&llib_id=16

For more resources about online classes and student resources, visit

<http://www.uky.edu/ukonline/>

The School of Information Science has a page with a comprehensive list of technology resources here: <http://ci.uky.edu/sis/students/techtips>

Military Members and Veterans

We recognize the complexities of being a member of the military community and also a student. If you are a member of the military or a military veteran or dependent, please inform your instructor if you are in need of special accommodations. Drill schedules, calls to active duty, mandatory training exercises, complications with GI Bill disbursement, and other unforeseen military and veteran related developments can complicate your academic life. If you are aware of a complication, we will work with you and put you in contact with university staff members who are trained to assist you. Please contact the Coordinator of the University of Kentucky Veterans Resource Center at (859) 257-1148 for additional assistance. Visit <http://www.uky.edu/veterans> for more available resources.

Course Calendar

Please note readings are subject to change.

Date	Topic	Readings	Assignment
Week 1	Class Overview, Introduction, & What is Policy?	Syllabus	None
Week 2	ICT and Policy: A Primer	Braman, S. (2006). Selections from “Change of State.” Nicol, C (2003). ICT Policy: A Beginner’s Handbook. Chapters 1 and 7.	None
Week 3	Technology, Policy Analysis, and Ethics	<i>No class Monday, Sept 4 (Labor Day)</i> McClure, C. R., & Jaeger, P. T., (2008). “Government information policy research: Importance, approaches, and realities.” Nicol, C (2003). ICT Policy: A Beginner’s Handbook. Chapters 11 and 17.	Reading Assignment 1
Week 4	Information Policy and the Constitution	<ul style="list-style-type: none"> • Rosen, J. (2011). “Technological Change and the Constitutional Future.” • Snead, O (2004). “Technology and the Constitution” 	News Brief 1
Week 5	ICTs and Free Speech	<ul style="list-style-type: none"> • Policinski, G (2012). “Technology takes freedoms forward, law catches up” • Citron, D. K. (2010). “Civil rights in our information age.” • Gyllenhaal, A (2016). “Will the First Amendment survive the information age?” • Nicol, C (2003). ICT Policy: A Beginner’s Handbook. Chapter 20 	Reading Assignment 2
Week 6	Privacy	<ul style="list-style-type: none"> • Solove, D. J. (2008). Do social networks bring the end of privacy? • Horn, H. (2011). “Germany's War with Facebook and Google Over Privacy” • United Nations General Assembly, “Right to Privacy in the Digital Age” • Nicol, C (2003). ICT Policy: A Beginner’s 	None

		Handbook. Chapter 21	
Week 7	Privacy, Reputations, and the Right to be Forgotten	<ul style="list-style-type: none"> • Hern (2016). “Google takes right to be forgotten battle to France’s highest court” • McCurry (2016). “Japan recognizes ‘right to be forgotten’ of man convicted of child sex offences” • Factsheet on the “Right to be Forgotten” ruling. (C-131/12) 	News Brief 2
Week 8	Intellectual Property	<ul style="list-style-type: none"> • WIPO, “What is IP?” • Nicol, C (2003). ICT Policy: A Beginner’s Handbook. Chapters 19 • USCO, Copyright Basics 	
Week 9	Copyright and Fair Use	<ul style="list-style-type: none"> • Fiesler, C., Feuston, J. L., & Bruckman, A. S. (2015). “Understanding copyright law in online creative communities.” <p>Ferguson, K. (2015). Embrace the Remix. https://www.ted.com/talks/kirby_ferguson_embrace_the_remix</p>	Midterm Exam
Week 10	Trademarks, Patents, and Harmonization of Global IP Policy	<ul style="list-style-type: none"> • Gibson, J & Johnson, P (2010). “International and comparative law of patents.” • Posner, R. (2012). “Why there are too many patents in America.” 	Reading Assignment 3
Week 11	Access / Divides	<ul style="list-style-type: none"> • UN (2011). Internet as a Human Right • Nicol, C (2003). ICT Policy: A Beginner’s Handbook. Chapter 18 • Zickuhr, K. & Smith, A. (2012). Digital Differences. Washington, D.C.: Pew Research Center’s Internet & American Life Project. http://pewinternet.org/~media/Files/Reports/2012/PIP_Digital_differences_041312.pdf. 	
Week 12	Hacking, Hacktivism	<ul style="list-style-type: none"> • Nicol, C (2003). ICT Policy: A Beginner’s Handbook. Chapter 22 • Coleman, G. (2011). Hacker politics and publics. 	Reading Assignment 4

		<ul style="list-style-type: none"> • Benac, N (2016). “Democratic emails: All about the hack, the leak, the discord” • Bamford, J (2014). “Edward Snowden: The Untold Story”: https://www.wired.com/2014/08/edward-snowden • Kaplan, F (2014). “Why Snowden Won’t and Shouldn’t Get Clemency” 	
Week 13	Information Warfare & State Control	<p>Hutchinson, W., & Warren, M. (2001). “Principles of information warfare.”</p> <p>Morozov, E. (2011). The Internet in Society. https://www.thersa.org/discover/videos/rsa-animate/2011/03/rsa-animate---the-internet-in-society</p>	News Brief 3
Week 14	Terror Online	<p><i>No class Wednesday Nov 22 & Friday Nov 24 (Thanksgiving)</i></p> <ul style="list-style-type: none"> • Braman, S. (2010). Anti-Terrorism and the Harmonization of Media and Communication Policy. 	
Week 15	The Future of ICT Policy (are we heading towards SkyNet?)	<ul style="list-style-type: none"> • Bankston (2016). Prototyping a better tomorrow: How science fiction can help us create a better future. • Slayback, Z (2015). “Uberocracy: How the Sharing Economy Changes Politics” • Lafrance, A (2015). "How Self-Driving Cars Will Threaten Privacy": • Hars, A (2016). “Fatal Tesla accident exposes fundamental flaws in the levels of driving automation framework” 	
Week 16	Group Presentations		
	Final Exam	Wednesday 12/13/17 – 8 A.M. Lucille Little Library, Room 311.	

Classroom Behavior Policies

To help facilitate a positive and productive learning atmosphere for everyone in class, I encourage you to participate in classroom discussions. There may be situations in the class where you disagree about the kinds of policies that should exist. Constructive discussion about the merits of different approaches is an important part of the policy making process. Remember, however, to ensure you are respectful of your peers at all times as you contribute.

Further, please ensure your laptop use is limited to class-related activities. Your participation grades will be negatively affected by: unexcused absences, arriving late for class, leaving class early, sleeping in class, gaming/texting/YouTube searching/emailing/etc. during class.