

**ICT 205 Section 001**  
**Issues in Information and Communication Technology Policy**

<b>Instructor:</b>	Dr. D. Nemer
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<b>Email:</b>	david.nemer@uky.edu
<b>Class Times:</b>	Tuesdays and Thursdays, 12:30 – 1:45PM EST
<b>Class Location:</b>	LCLI, Room 311
<b>Office Phone:</b>	859-218-0288
<b>Office hours:</b>	Tuesday and Thursday, 2:00 to 4:00 PM
<b>Virtual Office hours:</b>	Same as above in Canvas
<b>Preferred method of contact:</b>	Email
	I usually respond to questions within 1 day.

### **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 or through UK Libraries Course Reserve.

### **Course Activities and Assignments**

- Class participation – 10%
- Reading Journals – 15%
- Case briefs (3) – 10%
- Exams (2) – 30%
- App Policy Project – 35%

### **Summary Description of Course Assignments**

#### **Reading Journals**

Prior to lecture students must complete the assigned reading. They must also complete a reading journal form for 3 reading assignments each week. If I assign 6 articles in one week, you should complete 3 forms. These forms are structured to help you develop good class preparation habits and to give you a safety net in case you get cold called in lecture. Your reading journals will be invaluable as you study for the final exam. You are encouraged to revise them as your understanding of the course material improves. Journals are due on Mondays in class – online submissions will NOT be accepted.

#### **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 30% of your grade.

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.

### **Case Briefs**

Three times during the semester, each student will be required to complete and submit a case brief of an assigned case reading. The case for briefing will be indicated on the weekly assignment list. Due dates will be set on canvas.

### **App Policy Project**

This group project is worth 35% of your grade. Students will be placed into groups to idealize an app, write its terms and conditions (T&C), and analyze another group's T&C. Students will then critique and make recommendations for how the app may amend current policy for compliance. (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.

### **Course Grading**

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

### **Mid-term Grade (for 100-400 level courses, and for undergrads in 500-level courses)**

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 mark will be reduced by 10 percentage points. Assignments will not be accepted after 24 hours of the deadline.

MAKE SURE YOUR PIECE OF 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, and 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.

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. 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](http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php)).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per *Senate Rule 5.2.4.2*, students missing any graded work due to an excused absence are responsible: for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

### **Verification of Absences**

Students may be asked to verify their absences in order for them to be considered excused. *Senate Rule 5.2.4.2* states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

### **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](mailto: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](mailto:dllservice@email.uky.edu)
- DL Interlibrary Loan Service:  
[http://www.uky.edu/Libraries/libpage.php?lweb\\_id=253&llib\\_id=16](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.

### **Technology Policy**

The use of technology (laptops, smartphones, tablets, etc) is not recommended. The professor will let the students know in advance when technology will be required for class activities. Please read the Technology Policy document available on Canvas.

### **Email Etiquette**

Please give your professor up to 24 hours to reply to your emails, and she/he will do the same for you. Please put the course number in the Subject line in brackets ([ICT 205]) and

remember to sign your email with your name. We expect the language and structure of your emails to be professional. This includes punctuation, salutations/signature, etc. Please read the article “How to Email Your Professor” available on Canvas.

### **Classroom Behavior**

Everyone is expected to conduct themselves professionally during class. This includes arriving on time. Arriving late or using laptops or other devices for entertainment distracts everyone. Students who arrive at class more than ten minutes late, leave early without advance permission of an instructor, or use electronic devices may not receive attendance and/or participation credit for the day, at the discretion of the instructors. Professional behavior also entails being respectful of others and their opinions—even and especially when you do not agree with them.

### **Changes to the Syllabus**

This syllabus is subject to change as the semester progresses. The professor will communicate the changes in class and send an announcement on Canvas. The most current syllabus will always be available on Canvas.

Date	Topic	Readings
Week 1 Jan 12	Class Overview & Introduction	Syllabus
Week 2 Jan 17-19	ICT and Policy	<ul style="list-style-type: none"> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapters 1 and 7</li> </ul>
Week 3 Jan 24-26	Technology and Policy Analysis	<ul style="list-style-type: none"> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapters 11-17</li> </ul>
Week 4 Jan 31- Feb 2	ICTs and the 1 <sup>st</sup> Amendment	<ul style="list-style-type: none"> <li>• Policinski, G (2012). "Technology takes freedoms forward, law catches up"</li> <li>• Morissett, L (1996). "Habits of mind and a new technology of freedom."</li> <li>• Gyllenhaal, A (2016). "Will the First Amendment survive the information age?"</li> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapter 20</li> </ul> <p><b>Case:</b> FCC v. Pacifica Foundation.</p>
Week 5 Feb 7-9	ICTs and the Constitution	<ul style="list-style-type: none"> <li>• Rosen, J. (2011). "Technological Change and the Constitutional Future."</li> <li>• Snead, O (2004). "Technology and the Constitution"</li> </ul>
Week 6 Feb 14-16	Privacy	<ul style="list-style-type: none"> <li>• LoC, Online Privacy Law: Germany</li> <li>• Horn, H. (2011). "Germany's War with Facebook and Google Over Privacy"</li> <li>• United Nations General Assembly, "Right to Privacy in the Digital Age"</li> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapter 21</li> </ul>
Week 7 Feb 21-23	Reputation and the Right to be forgotten	<ul style="list-style-type: none"> <li>• Hern (2016). "Google takes right to be forgotten battle to France's highest court"</li> <li>• McCurry (2016). "Japan recognizes 'right to be forgotten' of man convicted of child sex offences"</li> <li>• Factsheet on the "Right to be Forgotten" ruling. (C-131/12)</li> </ul> <p><b>Case:</b> Google Spain v. Agencia Española de Protección de Datos.</p>
Week 8 Feb 28 – Mar 2	Intellectual Property	<ul style="list-style-type: none"> <li>• WIPO, "What is IP?"</li> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapters 19</li> </ul>
Week 9 Mar 7-9	Copyright and Fair Use	<ul style="list-style-type: none"> <li>• USCO, Copyright Basics</li> </ul> <p><b>Case:</b> Campbell v. Acuff Rose</p>
Week 10 Mar 14-16	SPRING BREAK	SPRING BREAK
Week 11 Mar 21-23	Trademark and Patents	<ul style="list-style-type: none"> <li>• Gibson, J &amp; Johnson, P (2010). "International and comparative law of patents."</li> <li>• Posner, R. (2012). "Why there are too many patents in America."</li> </ul>
Week 12	Access as a Human Right /	<ul style="list-style-type: none"> <li>• UN (2011). Internet as a Human Right</li> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapter 18</li> </ul>

Mar 28-30	ICT and Gender	
Week 13 Apr 4-6	Cybercrime	<ul style="list-style-type: none"> <li>• Nicol, C (2003). ICT Policy: A Beginner's Handbook. Chapter 22</li> <li>• Interpol, Cybercrime</li> <li>• FBI, Cyber crime</li> </ul>
Week 14 Apr 11-13	Criminal activity and journalism	<ul style="list-style-type: none"> <li>• Benac, N (2016). "Democratic emails: All about the hack, the leak, the discord"</li> <li>• Linderberger, M (2010). "The U.S.'s Weak Legal Case Against WikiLeaks"</li> <li>• Bamford, J (2014). "Edward Snowden: The Untold Story": <a href="https://www.wired.com/2014/08/edward-snowden">https://www.wired.com/2014/08/edward-snowden</a></li> <li>• Kaplan, F (2014). "Why Snowden Won't and Shouldn't Get Clemency"</li> </ul>
Week 15 Apr 18-20	Current issues in ICT and Policy	<ul style="list-style-type: none"> <li>• Slayback, Z (2015). "Uberocracy: How the Sharing Economy Changes Politics": <a href="https://medium.com/the-mission/uberocracy-how-the-new-entrepreneurship-changes-politics-99bc515e31b0#.60rdbj1xi">https://medium.com/the-mission/uberocracy-how-the-new-entrepreneurship-changes-politics-99bc515e31b0#.60rdbj1xi</a></li> <li>• Lafrance, A (2015). "How Self-Driving Cars Will Threaten Privacy": <a href="http://www.theatlantic.com/technology/archive/2016/03/self-driving-cars-and-the-looming-privacy-apocalypse/474600/">http://www.theatlantic.com/technology/archive/2016/03/self-driving-cars-and-the-looming-privacy-apocalypse/474600/</a></li> <li>• Hars, A (2016). "Fatal Tesla accident exposes fundamental flaws in the levels of driving automation framework": <a href="http://www.driverless-future.com/?p=955">http://www.driverless-future.com/?p=955</a></li> </ul>
Week 16 Apr 25-27	Group Presentation	