

# Privacy Policy, Law and Technology

# Course Overview

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**Carnegie  
Mellon  
University**  
CyLab

**isr** institute for  
SOFTWARE  
RESEARCH

Engineering &  
Public Policy



**Only a  
goldfish can  
live without  
privacy...**



08-533 / 08-733 / 19-608 / 95-818  
**Privacy Policy, Law and  
Technology**

Fall 2014

Tuesday/Thursday 3-4:20 pm

Instructor: Lorrie Cranor, NSH 3002

This course focuses on policy issues related to privacy from the perspectives of governments, organizations, and individuals. We will examine the privacy protections provided by laws and regulations, as well as the way technology can be used to protect privacy. We will emphasize technology-related privacy concerns and mitigation, for example: social networks, smartphones, behavioral advertising, anonymous communication systems, big data, drones.

<http://cups.cs.cmu.edu/courses/privpolawtech.html>

## A collage featuring a family photo, a colorful quilt, and a word cloud. The family photo shows a man, a woman, and three children sitting on a wooden bench in front of a mountain. The quilt is made of colorful fabric strips. The word cloud contains various words, including 'password', 'love', 'family', 'princess', and 'rocky'.

- [illegible]

# Syllabus

- <http://cups.cs.cmu.edu/courses/pplt-fa14/>
- TA: Rebecca Balebako
- Office hours by appointment

# By the end of this course, students should

- Be able to discuss why privacy is important to society
- Be familiar with the fair information practice principles as well as the privacy law and policy landscape in the United States
- Understand the differences between privacy regulation in the US and EU, and be able to discuss different regulatory approaches to privacy
- Be able to read, understand, and evaluate privacy policies
- Understand the mechanics of online tracking and other technologies with privacy implications
- Be able to communicate the privacy implications of a technology with policy-makers, lawyers, and engineers
- Be prepared to pass the IAPP Certified Information Privacy Professional exams

# Course number

- Course is cross-listed as 8-533 / 8-733 / 19-608 / 95-818
  - 8-733, 19-608, and 95-818 are 12 units (for phd and masters)
  - 8-533 is 9 units (for undergrads and masters)
- 12-unit students
  - Expected to read an extra paper for every homework assignment and write a 3-7 sentence summary + short “highlight”
- Please check which number you are signed up for and switch if necessary

# Course readings

- Most readings are online, may require being on CMU wired network or using library VPN
- Some readings are password protected:
  - user name = privacy
  - password = pplt2013
- Required textbook: *Foundations of Information Privacy and Data Protection* by Swire and Ahmad
  - Order from IAPP – and join if you plan to take CIPP/CIPT exam
- Optional texts:
  - *Privacy in Technology: Standards and Practices for Engineers and Security and IT Professionals* by JC Cannon (available from IAPP)
  - *The Circle* by Dave Eggers
- Readings for this week are online but you will need your book to do September 11 reading assignment – order your book today!



# CIPP/CIPT exams

- Exams will be given at CMU in January
- Free to CMU students who are IAPP members (\$50 vs \$550)
- To be certified you must pass the “foundation” exam and one additional exam
  - We will focus on CIPT
- The books will help
- We will practice

## The Value of Certification

Advance my career? Increase my earning potential? Elevate my leadership profile?

Yes, please.

If you want to really stand out, an IAPP credential can get you there. Whether your goal is to distinguish yourself from others in your field, or to advance your skills, IAPP certification is the edge you're looking for.

GET AN EDGE

## IAPP Certification Programs



**CIPP**

Laws and regulations

The global standard for the go-to person for privacy laws, regulations and frameworks



**CIPM**

Operations

The first and only privacy certification for professionals who manage day-to-day operations



**CIPT**

Technology

The industry benchmark for IT professionals worldwide to validate their knowledge of privacy requirements



# Grading

- 10% class participation
- 15% quizzes
  - Short quiz in first 5 minutes of every class
  - Quizzes make sure you did the reading but also help you self-assess whether you learned something from the reading
  - Bring a pencil or pen to class
- 25% homework
- 25% project
- 25% midterm and final exams

# Homework

- Reading every day – do it before you come to class
- Seven homework assignments (every 3 classes)
- Assignments on website
- Homework due at beginning of class

# Homework 1

- Due September 4
- Bring to class printed out on paper
- <http://cups.cs.cmu.edu/courses/pp1t-fa14/hw/hw1.html>

# Cheating will not be tolerated

- You must do your own homework
- It is acceptable to discuss the reading assignments and general approaches to solving homework problems with your classmates
- It is not acceptable to discuss detailed homework answers or to copy homework answers from other students
- Hopefully you already knew this....

# Laptops/tablets in class

- You may bring your laptop to class if you want.... BUT
- Please keep the lid down unless you are taking notes, reviewing readings, etc.
- Laptops can be a source of distraction for you and the students sitting around you

# Class email list

- I will add your andrew address to the privacy-class email list
  - Please check your andrew email or forward it to an account you check regularly
  - If you have questions that will be of interest to everyone, ask them on the email list
    - If you don't, I may forward your email to the list
  - Feel free to send privacy-related news items to the email list

# Introduce yourself

- Name + what do you want to be called?
- Where are you from?
- What degree program are you in?
- Why are you taking this class?
- What topic from the syllabus are you most looking forward to? Or is there something you were hoping to see on the syllabus that is missing?



# Course Preview Picture Tour