

COM 587: Internet & Society

In Workflow

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14. PeopleSoft (ldmihalo@ncsu.edu; blpearso@ncsu.edu; Charles_Cliff@ncsu.edu; jmharr19@ncsu.edu; Tracey_Ennis@ncsu.edu)

Approval Path

1. Thu, 13 Aug 2015 20:19:42 GMT
Melissa Nosbisch (mlnosbis): Approved for 16COM Grad Head
2. Thu, 22 Oct 2015 13:37:42 GMT
Andrew Binder (arbinder): Approved for arbinder
3. Fri, 06 Nov 2015 11:38:43 GMT
Jeffrey Despain (despain): Approved for CHASS CC Coordinator GR
4. Mon, 23 Nov 2015 10:54:14 GMT
Jeffrey Despain (despain): Approved for CHASS CC Meeting GR
5. Mon, 23 Nov 2015 10:55:53 GMT
Jeffrey Despain (despain): Approved for CHASS CC Chair GR
6. Thu, 21 Jan 2016 21:16:45 GMT
William Emory (wemory): Approved for CHASS Final Review GR
7. Tue, 16 Feb 2016 18:00:38 GMT
Deanna Dannels (dpdannel): Approved for CHASS Dean GR
8. Thu, 18 Feb 2016 18:41:46 GMT
Adriana de Souza e Silva (souzaesilva): Approved for aasilva
9. Wed, 24 Feb 2016 16:03:08 GMT
Adriana de Souza e Silva (souzaesilva): Approved for aasilva
10. Wed, 24 Feb 2016 17:27:22 GMT
Melissa Nosbisch (mlnosbis): Approved for ABGS Coordinator
11. Thu, 25 Feb 2016 13:23:28 GMT
Melissa Nosbisch (mlnosbis): Approved for ABGS Meeting

New Course Proposal

Date Submitted: Sun, 31 May 2015 20:05:52 GMT

Viewing: COM 587 : Internet & Society

Changes proposed by: aasilva

Course Prefix

COM (Communication)

Course Number

587

Dual-Level Course

No

Cross-listed Course

No

Title

Internet & Society

Abbreviated Title

Internet & Society

College

College of Humanities and Social Sciences

Academic Org Code

Communication (16COM)

CIP Discipline Specialty Number

09.0101

CIP Discipline Specialty Title

Speech Communication and Rhetoric.

Term Offering

Fall Only

Year Offering

Offered Upon Demand

Effective Date

Fall 2016

Previously taught as Special Topics?

Yes

Number of Offerings within the past 5 years

2

Course Prefix/Number

COM598

Semester/Term Offered

Fall 2014 and Fall 2015

Enrollment

6 / 11

Course Delivery

Face-to-Face (On Campus)

Grading Method

Graded/Audit

Credit Hours

3

Course Length

16

weeks

**Contact Hours
(Per Week)****Component Type**

Seminar

Contact Hours

3

Course Is Repeatable for Credit

No

Instructor Name

Adriana A. de Souza e Silva

Instructor Title

Associate Professor

Grad Faculty Status

Full

Anticipated On-Campus Enrollment

Open when course_delivery = campus OR course_delivery = blended OR course_delivery = flip

Enrollment Component	Per Semester	Per Section	Multiple Sections?	Comments
Seminar	12	12	No	N/A

Course Prerequisites, Corequisites, and Restrictive Statement

N/A

Is the course required or an elective for a Curriculum?

Yes

Which Curricula are Affected?**SIS Program Code**

16COMMS

Program TitleMaster of Science Communication, Thesis
Optional**Required or Elective?**

Elective

Catalog Description

Overview of the development of the internet and its social uses, including the historical context that led to the development of the ARPANET and the World Wide Web. Analysis of the transition from mainframes to personal computers, to the internet of things. Treatment of principal social and communication issues related to the use of the internet, such as digital privacy, digital divide, net neutrality, and civic engagement. Development of mobile internet, social networking sites and location-based social networks.

Justification for new course:

The internet is all around us. Using mobile phones and location-aware technologies, people are browsing information wherever they happen to be. As a result, physical location has become an important factor in how information is categorized and accessed. From online maps to location-based social networks and games, location awareness is becoming central to how we understand the internet today. However, digital information was categorized and accessed differently in the past.

This course explores social uses of the internet, focusing on its historical development as a digital network. In addition to looking at the history of the internet, from the ARPANET to the mobile web, it also explores an emerging form of networked interactions called net locality. Net locality is what happens to individuals and society when virtually everything is located or locatable. This course will run as a seminar and explores the following key topics:

An overview of the development of the internet:

-
- Conceptual origins of the internet, such as Vannevar Bush's Memex and hypertext theory,
-
- Facts that led to the development of the ARPANET and the World Wide Web, such as the transition from mainframes to personal computers
-
- The development of HTML as the web's main original programming language and how the internet's functionality was originally based on communication protocols that aimed at sharing resources.
-

Social uses of the internet:

-
- Usenet, BBS and MUDs as the origins of blogs, wikis, and social networking sites.
-
- The development of what was called web 2.0. and co-related issues such as regulation, privacy and digital divide. online.
-

Location and Net locality:

-
- The affordances of digital networks embedded with mobility and location awareness.
-
- Location-based services and location-based social networks.
-

Does this course have a fee?

No

Consultation

College(s)	Contact Name	Statement Summary
College of Engineering	George Rouskas	Begin forwarded message: From: George Rouskas <rouskas@ncsu.edu> Subject: Re: COM587 approval Date: February 22, 2016 at 8:57:12 PM EST To: Douglas Reeves <reeves@ncsu.edu> Cc: Adriana de Souza e Silva <aasilva@ncsu.edu>, George Rouskas <rouskas@ncsu.edu> Adriana, The CSC and ECE networking faculty agree that there is no overlap between this course and the courses offered in our departments. Best regards, George -- George Rouskas, IEEE Fellow Professor and Director of Graduate Programs NC State Computer Science rouskas@ncsu.edu http://rouskas.csc.ncsu.edu

Begin forwarded message:

From: Susanna Lee <susanna_lee@ncsu.edu>
 Subject: Re: COM587 consult
 Date: February 23, 2016 at 12:53:16 PM EST
 To: Adriana de Souza e Silva <aasilva@ncsu.edu>
 Cc: William Kimler <kimler@ncsu.edu>, Ross Bassett <ross@ncsu.edu>, David Zonderman <david_zonderman@ncsu.edu>

Adriana,

I consulted with our faculty members, and the History Department has no objections.

Susanna

--

Susanna Lee
 Associate Professor
 Director of Graduate Programs
 Department of History
 Withers 260
 Campus Box 8108
 Raleigh, NC 27695
 susanna_lee@ncsu.edu

Instructional Resources Statement

This course will continue to be be taught as part of the instructor's regular course load. No special resources are required to teach this course.

Course Objectives/Goals

Student Learning Outcomes

Upon successful completion of this course students will be able to:

- Critically reflect upon the state of the internet in today’s society;
- Describe and analyze the main historical developments of the internet as a digital network;
- Identify basic functionalities of the internet as a digital network;
- Explain contemporary issues related to the mobile internet and location-aware technologies;
- Identify issues related to privacy, surveillance, and exclusion that arise from the ubiquitousness of net-localities;
- Critically analyze the social implications of net local practices for the experience of urban spaces.

Student Evaluation Methods

Evaluation Method	Weighting/Points for Each	Details
Written Assignment	20	Blog posts, due once per week (see syllabus)
Oral Presentation	20	In-class presentation and leading of class discussion (see syllabus)
Forum_post	15	Wiki entries in the course's source database, due once per week (see syllabus)
Major Paper	30	Final paper (see syllabus)
Oral Presentation	15	Presentation on final paper (see syllabus)

Topical Outline/Course Schedule

Topic	Time Devoted to Each Topic	Activity
Course introduction	Week 1	Choose presentations
Before the Internet	Week 2	<p>Assignments: Blog 1 / Wiki 1</p> <p>In class activities: Presentation 1 Alan Kay's lecture with Engelbart's demo. Memex's demo.</p> <p>Readings: Bush, V. (1945). "As we may think" (pp. 101-108).</p> <p>Hafner & Lyon (1996). "The fastest million dollars" (pp. 11-42).</p> <p>Hafner & Lyon (1996). "A block here, some stones there" (pp. 42-81).</p> <p>Hafner & Lyon (1996). "The third university" (pp. 82-102).</p>
ARPANET (1970s)	Week 3	<p>Assignments: Blog 2 / Wiki 2</p> <p>In class activities: Presentation 2 Video: Warriors of the Net</p> <p>Readings: Hafner & Lyon (1996). "Hacking away and hollering" (pp. 160-186).</p> <p>Hafner & Lyon (1996). "Email" (pp. 187-218).</p> <p>Abbate, J. (1999). "From ARPANET to Internet" (pp. 113-145).</p> <p>Leiner et. al. (2009). "A brief history of the Internet" (pp. 22-31).</p>
GUI (1980s)	Week 4	<p>Assignments: Blog 3 / Wiki 3</p> <p>In class activities: Presentation 3 Pirates of the Silicon Valley</p> <p>XEROX Parc movie</p> <p>Apple commercial</p> <p>Readings: Streeter, T. (2011). "Missing the net" (pp. 69-92)</p> <p>Hafner & Lyon (1996). "A rocket on our hands" (pp. 219-256).</p> <p>Turkle, S. (1995). "A tale of two aesthetics" (pp. 29-49).</p> <p>Abbate, J. (1999). "Popularizing the Internet" (pp. 181-195).</p>

WWW (1990s)

Week 5

Assignments:
Blog 4 / Wiki 4

In class activities:
Presentation 4
TED talks: Tim Berners_lee

XEROX Parc movie

Apple commercial

Readings:
Baehr & Lang (2012). "Hypertext Theory" (pp. 39-56).

Hameri, A., & Nordberg, M. (1998). "From experience: Linking available resources and technologies to create a solution for document sharing" (pp. 322-334).

Abbate, J. (1999). "Popularizing the Internet" (pp. 195-220).

Berners-Lee, et. al. (1994). "The World Wide Web" (pp. 791-798).

Assignments:
Blog 5 / Wiki 5

In class activities:
Presentation 5

Readings:
Allen, M. (2012). "What was Web 2.0? Versions as the dominant mode of internet history (pp. 260-275).

Barassi, V., & Treré, E. (2012). "Does Web 3.0 come after Web 2.0? Deconstructing theoretical assumptions through practice" (p. 1269-1285).

Blank, G., & Reisdorf, B. (2012). "The participatory web: A user perspective on Web 2.0" (pp. 537-554).

Postigo, (2011). "Questioning the Web 2.0 discourse: Social roles, production, values, and the case of the human rights portal" (pp. 181-193).

Web 2.0 (2000s)

Week 6

Synchronous Communication

Week 7

Assignments:
Blog 6 / Wiki 6

In class activities:
Presentation 6
Practical activity: LambdaMOO and Adventure

Readings:
Dibbell, J. (1998). "The scarlet balloon: Or tinygeography, a long view and an overview" (pp. 39-69).

Turkle, S. (1995). "Aspects of the self" (pp. 177-209)

Reid, E. (1999). "Hierarchy and power: Social control in cyberspace" (pp. 107-134).

Merikivi, J., Vernhagen, T., & Feldberg, F. (2012). "Having belief(s) in social virtual worlds: A decomposed approach" (pp. 1169-1188).

Assignments:
Blog 7 / Wiki 7

In class activities:
Presentation 7
Demo Wikipedia
TED Talk on Wikipedia

Readings:
Smith, M. (1999). "Invisible crowds in cyberspace: Mapping the social structure of the Usenet" (pp. 195-218).

Papacharissi, Z., & Meraz, S. (2013). "Blogging Culture: Content and representation in blogs" (pp. 367-385).

Marwick, A., & boyd, d. (2010). "I tweet honestly, I tweet passionately: Twitter users, context collapse, and the imagined audience" (pp. 114-133).

Barlow, A. (2007). "The growth of the discussion boards and the birth of the blogs" (pp. 143-152).

Assignments:
Blog 8 / Wiki 8

In class activities:
Presentation 8

Readings:
Steinfeld, C., Ellison, N., & Vitak, J. (2013). "Online social network sites and the concept of social capital" (pp. 115-131).

Baym, N., & boyd, d. (2012). "Socially mediated publicness: An introduction" (pp. 320-329).

de Souza e Silva, A., & Frith, J. (2010). "Locative mobile social networks: Mapping communication and location in urban spaces" (pp. 485-505).

Humphreys, L. (2010). "Mobile social networks and urban public space" (pp. 763-778).

Asynchronous Communication

Week 8

SNS/LBSN

Week 9

Net Locality / Mobile Internet

Week 10

Assignments:
Blog 9 / Wiki 9

In class activities:
Presentation 9

Readings:
Gane, N., & Beer, G. (2008). "Network" (pp. 15-34).

De Souza e Silva & Gordon, E. (2013). "Net Locality" (pp. 134-142).

Humphreys, L., Von Pape, T., & Karnowski, V. (2013). "Evolving mobile media: Uses and conceptualizations of the mobile Internet" (pp. 491-507).

Goggin, G. (2014). "Shared, Life is More". (pp. 1-30)

Assignments:
Blog 10 / Wiki 10

In class activities:
Presentation 10

Readings:
Solove, D. (2004). "The rise of the digital dossier" (pp. 13-26).

Solove, D. (2004). "Kafka and Orwell" (pp. 27-55).

Dourish, & Bell (2011). "Rethinking privacy" (pp. 137-160).

de Souza e Silva & Frith (2012). "Locational Privacy" (111-135).

Assignments:
Blog 11 / Wiki 11

In class activities:
Presentation 11

Readings:
Epstein, D. (2011). "The analog history of the 'digital divide'" (pp. 127-144).

Harambam, Aupers, & Houtman, (2013). "The contentious gap: From digital divide to cultural beliefs about online interactions" (pp. 1093-1114).

Pearce, K., & Rice, R. (2013). "Digital divides from access to activities: Comparing mobile and personal computer Internet users" (pp. 721-744).

Sassi, S. (2005). "Cultural differentiation or social segregation? Four approaches to the digital divide" (pp. 684-700).

Digital Privacy

Week 11

Digital Divide

Week 12

Civic Engagement

Week 13

Assignments:

Blog 12 / Wiki 12

In class activities:

Presentation 12

Readings:

Gordon, E., & de Souza e Silva, A.

"Community" (pp. 105-132).

Hirst, M. (2012). "One tweet does not a revolution make: Technological determinism, media and social change" (pp. 1-11).

Final presentations

Final paper due

Final presentations

Week 14 & 15

Finals

Week 16

Syllabus

2158-06_COM 587_Syllabus.docx

Additional Documentation

Additional Comments

Consult from history with recommended tweaks to catalog description.

mInosbis 2/16/2016: Possible consultation with College of Engineering (Doug Reeves) to see if that college offers any courses related to the history of internet and if this course conflicts with any Engineering courses. Department should include consultation notes from History and Engineering in the "Consultation" field.

ghodge 2/17/2016 Agree. Please include both consultations before ABGS review.

ABGS Reviewer Comments:

-No major problems and the consultations seem supportive and appropriate.

Course Reviewer Comments

Key: 7317