

INFORMATION COMMUNICATION TECHNOLOGIES (ICTs) & COMMUNITIES

Information Communication Technology (ICT) 690

Library and Information Science (LIS) 690

FALL 2015

Online Course

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COURSE DESCRIPTION

This course examines a wide variety of issues that relate to the roles of information communication technologies (ICTs) in political, social, psychological, and cultural processes in community contexts, both physical and virtual. In so doing, this course reviews such topics as information communication technologies (ICTs), including social media and mobile technologies, and their relation to government, political parties, nonprofit/voluntary organizations, social movements, news media organizations, citizen journalism, public sphere, social capital, deliberation, and political/civic/community engagement. As such, this course sheds light on the democratic functioning of the information communication technologies (ICTs) for a healthy community to operate at local, regional, national, and global levels.

PURPOSE OF THE COURSE

The purpose of this course is to guide you to comprehend various theoretical perspectives and methodological approaches at multiple levels regarding information communication technologies (ICTs), communities, and democracy with special emphasis on social media. You will be able to critically discuss current issues and problems in connection with the diverse theoretical and methodological understandings. Then, you will conduct various research projects regarding information communication technologies (ICTs), communities, and democracy, paying particular attention to the roles of social media in democratic societies. Finally, you will present your research in various conferences, which will result in journal publications and/or book chapters.

REQUIREMENTS

Response Paper

- Throughout the course, you will write weekly response papers.
- You will write a one or two-page response paper that will include your thoughts and comments on the readings for the topics.
- Then, you will post response papers to Canvas.
- The response papers are due **by 1 pm on Wednesdays**.

Discussion

- Throughout the course, you will participate in discussions on Canvas every week.
- Every discussion should be based on the readings required.
- Beside your response papers, you have to post at least two discussions on Canvas every week **no later than 1pm on Wednesdays**.
- Then, you have to reply to all of others' discussions.
- Your participation in discussions will continue **by 1pm on Thursdays**.

Prospectus

- During the course, you will write a **short 2-3 page prospectus** for your term paper.
- Then you will post your prospectus on Canvas **no later than 1pm on October 7 (Wednesday), 2015**.

Term Paper

- As you develop your term paper, you will consult with me in person during my office hours and/or by appointment.
- You will write a research proposal which includes a problem statement, thorough literature review, research questions, and research methods. However, you can also write a research paper which follows a journal article style with results and conclusions.
- Specific formats and guidelines will be given as you develop your projects.
- The term paper should have 15 pages minimum and 20 pages maximum excluding references, tables, figures, and appendix.
- Finally, your term paper is due **by 1pm on December 1 (Friday), 2015**.
- You will post your term paper on Canvas. If Canvas does not work, you can email your term paper to seungahn.nah@uky.edu.

Virtual Presentation

- While you are working on your term papers, you will present your projects in PowerPoint on Canvas during the last two weeks.
- You will upload your presentation files no later than **1pm on December 2 (Wednesday), 2015**.
- A specific format will be given prior to the virtual presentation on Canvas.
- You will provide at least one feedback to each presentation.

Paper Format

- All papers (response papers, prospectus, and term papers) should be double spaced and typed in Times New Roman with 12 point font size.
- In addition, all papers should have one inch margins on all four sides of the papers.
- Prior to paper submissions, it is **strongly recommended** for you to meet with writing instructors in the University of Kentucky Writing Center (<http://www.uky.edu/AS/English/wc/>).
- For your academic writing, it is **strongly recommended** for you to read *The Craft of Research* (2nd ed.) by Wayne C. Booth, Gregory G. Colomb, and Joseph M. Williams.
- Although there is no required academic writing style, it is **strongly recommended** for you to use the American Psychological Association (APA) (6th Ed.) style.

GRADING

1. Response paper:	20% (100pts)
2. Discussion:	20% (100pts)
2-1. Post discussions	10% (50pts)
2-2. Reply to discussions	10% (50pts)
3. Term Paper Prospectus:	10% (50pts)
4. Virtual Presentation:	10% (50pts)
4-1. Virtual Presentation	5% (25pts)
4-2. Feedback to Virtual Presentation	5% (25pts)
5. Final Paper:	40% (200pts)
Total	100% (500pts)

Final course grades will be assigned as follows:

A	450 – 500 points	90 – 100%
B	400 – 449 points	80 – 89%
C	350 – 399 points	70 – 79%
D	300 – 349 points	60 – 69%
E	< 299 points	Below 60%

COURSE MATERIALS

Course Readings

- Course readings are available on the Blackboard Website.

Data Sources

For your term paper, you could refer to secondary data sources as follows:

- Pew Center for People and the Press: <http://www.people-press.org>
- Social Science Data Analysis Network: <http://www.ssdan.net>
- General Social Survey: <http://webapp.icpsr.umich.edu/GSS/>
- National Election Studies: <http://www.umich.edu/~nes/>
- The Political Communication Lab at Stanford: <http://pcl.stanford.edu/>
- US Census Bureau: <http://www.census.gov/>
- United States of Department of Agriculture: <http://www.usda.gov/wps/portal/usdahome>
- Internet World Stats: <http://www.internetworldstats.com/>
- The Social N' Agricultural Resource Lab ("SNARL"): <http://www.ca.uky.edu/snarl/KentuckyByTheNumbers/KYBTNIndex.htm>
- Kentucky State Data Center: <http://ksdc.louisville.edu/>
- Social Sciences Teaching And Research Statistics, Center for Statistical Computing Support, University of Kentucky: <http://www.uky.edu/ComputingCenter/SSTARS/>
- 2009 KY Communities Survey, Dept. of Community and Leadership Development, University of Kentucky [Available upon request]

COURSE POLICIES

- You are required to read all of the readings listed.
- You will learn from various interactions between instructor and students. You are strongly suggested to work together with your instructor and peer groups in order to develop your research projects.
- Academic integrity is essential. Any kind of plagiarism or cheating will not be accepted and tolerated on your assignments. For more information, visit the Ombud Website, <http://www.uky.edu/Ombud>

CONFERENCES AND JOURNALS

Conferences

- Association of Internet Researchers (AoIR): <http://www.aoir.org/>
- Association for Information Science and Technology (ASIS&T): <http://asis.org>
- International Conference on Communities and Technologies: <http://comtech.community>
- International Communication Association (ICA): <http://www.icahdq.org/>
- Association for Education in Journalism and Mass Communication (AEJMC): <http://www.aejmc.org/>
- National Communication Association (NCA): <http://www.natcom.org/nca>
- American Sociological Association (ASA): <http://www.asanet.org/index.wv>
- American Political Science Association (APSA): <http://www.apsanet.org/>
- Midwest Association for Public Opinion Research (MAPOR): <http://www.mapor.org/>
- American Association for Public Opinion Research (AAPOR): <http://www.aapor.org/>
- World Association for Public Opinion Research (WAPOR): <http://www.unl.edu/WAPOR/>

Journals

- Journal of Computer-Mediated Communication (JCMC): <http://jcmc.indiana.edu/>
- Mass Communication and Society: <http://www.tandf.co.uk/journals/HMCS>
- New Media & Society: <http://newmediaandsociety.com/>
- The Information Society: <http://www.indiana.edu/~tisj/>
- Journal of the Association for Information Science and Technology (JASIST): [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)2330-1643](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2330-1643)
- Journal of Communication: <http://www.blackwellpublishing.com/journal.asp?ref=0021-9916&site=1>
- International Journal of Communication: <http://ijoc.org/index.php/ijoc>
- Journal of Community Informatics: <http://ci-journal.net/index.php/ciej>
- Political Communication: <http://www.tandf.co.uk/journals/titles/10584609.asp>
- Journalism of Broadcasting and Electronic Media: <http://www.beaweb.org/jobem/info.html>
- First Monday: <http://www.firstmonday.org/>
- Electronic Journal of Communication: <http://www.cios.org/www/ejcmmain.htm>
- Global Media Journal: <http://lass.calumet.purdue.edu/cca/gmj/index.htm>
- Television and New Media: <http://tvn.sagepub.com/>

- Information, Communication and Society: <http://www.tandf.co.uk/journals/titles/1369118x.html>
- Social Movement Studies: <http://www.tandf.co.uk/journals/titles/14742837.asp>
- International Journal of Public Opinion Research: <http://ijpor.oxfordjournals.org>
- International Journal of Press-Politics: <http://hij.sagepub.com>

COURSE CALENDAR

Week1 (Aug 26): Course Overview and Q &A

- Introduce yourself on Canvas
- Review syllabus

PART I. THEORIES OF COMMUNITIES AND TECHNOLOGIES

Week 2 (Sept 2): Theoretical Foundations of ICTs & Communities

- Fischer, C. S. (1997). Technology and community: Historical complexities. *Sociological Inquiry*, 67(1), 113-118.
- Brint, S. (2001). Gemeinschaft Revisited: A critique and reconstruction of the community concept. *Sociological Theory*, 19, 1-23.
- Bimber, B. (1998). The Internet and political transformation: Populism, community, and accelerated pluralism. *Polity*, 31, 133-60.
- DiMaggio P, Hargittai, E, Neuman, W. R., & Robinson, J. P. (2001). Social implications of the Internet. *Annual Review of Sociology*, 27, 307-336.
- Friedland, L. (2001). Communication, community, and democracy: Toward a theory of the communicatively integrated community. *Communication Research*, 28(4), 358-391.

Week 3 (Sept 9): The Public Sphere and Communities

- Calhoun, C. (1998). Community without propinquity revisited: Communications technology and the transformation of the urban public sphere. *Sociological Inquiry*, 68(3), 373-397.
- Dahlberg, L. (2001). Computer-mediated communication and the public sphere: A critical analysis. *Journal of Computer-Mediated Communication*, 7 (1). [Online available] <http://onlinelibrary.wiley.com/doi/10.1111/j.1083-6101.2001.tb00137.x/full>
- Papacharissi, Z. (2002). The virtual sphere: The internet as a public sphere. *New Media & Society*, 4(1), 9-27.
- Dahlgren, P. (2005). The Internet, public spheres, and political communication: Dispersion and deliberation. *Political Communication*, 22, 147-162.
- Friedland, L. A., Hove, T., & Rojas, H. (2006). The networked public sphere. *Javnost-The Public*, 13(4), 5-26.

Week 4 (Sept 16): Social Capital and Communities

- Wellman, B., Haase, A. Q., Witte, J., & Hampton, K. (2001). Does the Internet increase, decrease, or supplement social capital? Social networks, participation, and community commitment. *American Behavioral Scientist*, 45(3), 436-455.

- Hampton, K., & Wellman, B. (2003). Neighboring in Netville: How the Internet supports community and social capital in a wired suburb. *City and Community*, 2(4), 277-311.
- Matei, S. (2004). The impact of state-level social capital on the emergence of virtual communities. *Journal of Broadcasting & Electronic Media*, 48(1), 23-40.
- Prell, C. (2003). Community networking and social capital: Early investigations. *Journal of Computer-Mediated Communication*, 8(3).[Online available] <http://onlinelibrary.wiley.com/doi/10.1111/j.1083-6101.2003.tb00214.x/full>

Week 5 (Sept 23): Communication Infrastructure and Communities

- Ball-Rokeach, S. J., Kim, Y. C., & Matei, S. (2001). Storytelling neighborhood: Paths to belonging in diverse urban environments. *Communication Research*, 28(4), 392–428.
- Kim, Y.-C., & Ball-Rokeach, S. J. (2006). Civic engagement from a communication infrastructure perspective. *Communication Theory*, 16(2), 173-197.
- Kim, Y.-C., & Ball-Rokeach, S. J. (2006). Neighborhood storytelling resources and civic engagement: A multilevel approach. *Human Communication Research*, 32(4), 411-439.
- Matei, S., & Ball-Rokeach, S. (2003). The Internet in the communication infrastructure of urban residential communities: Macro- or mesolinkage? *Journal of Communication*, 53 (4), 642-657.

Week 6 (Sept 30): Physical vs. Virtual Communities: Networked Communities

- Wellman, B. (1999). The network community: An introduction. In B. Wellman (Ed.), *Networks in the global village: Life in contemporary communities* (pp. 1-47). Boulder, CO: Westview Press.
- Wellman, B., & Gulia, M. (1999). Net-surfers don't ride alone: Virtual communities as communities. In B. Wellman (Ed.), *Networks in the global village: Life in contemporary communities* (pp. 331-366). Boulder, CO: Westview Press.
- Castells, M. (2002). Virtual communities or network society? In M. Castells, *The Internet galaxy: Reflections on the Internet, business, and society* (pp. 116-136). Oxford: Oxford University Press.
- Nah, S. (2010). A theoretical and analytical framework toward networked communities: A case of the electronic community information commons. *Javnost – The Public*, 17(1), 23-36.

PART II. TECHNOLOGIES AND COMMUNITY TRANSFORMATION

Week 7 (Oct 7): Community Computer Networks & Community Technology Centers

- Kavanaugh, A., Carroll, J. M., Rosson, M. B. et al. (2005). Community networks – Where offline communities meet online. *Journal of Computer-Mediated Communication*, 10(4). <http://onlinelibrary.wiley.com/doi/10.1111/j.1083-6101.2005.tb00266.x/abstract>

- Hayden, C., & Ball-Rokeach, S. J. (2007). Maintaining the digital hub: Locating the community technology center in a communication infrastructure. *New Media and Society*, 19(2), 237-259.
- Uotinen, J. (2003). Involvement in (the information) society – the Joensuu Community Resource Centre Netcafe. *New Media & Society*, 5(3), 335-356.
- Pinkett, R. (2003). Community technology and community building: Early results from the creating community connections project. *The Information Society*, 19, 365-379.

Week 8 (Oct 14): Imagined and Virtual Communities

- Slack, R. & Williams R. A. (2000). The dialectics of place and space: On community in the ‘information age’. *New Media & Society*, 2(3), 313-334.
- Driskell, L. L. & Lyon, L. (2002). Are virtual communities true communities? Examining the environments and elements of community. *City & Community*, 1(4), 373-390.
- Yuan, E. (2012). A culturalist critique of ‘online community’ in new media studies. *New Media & Society*, 15(5), 665-679.
- Fernback, J. (2007). Beyond the diluted community concept: A symbolic interactionist perspective on online social relations. *New Media & Society*, 9(1), 49-69.
- Porter, C. E. (2004). A typology of virtual communities: A multi-disciplinary foundation for future research. *Journal of Computer-Mediated Communication*, 10(1). <http://onlinelibrary.wiley.com/doi/10.1111/j.1083-6101.2004.tb00228.x/full>

Week 9 (Oct 21): Rural vs. Urban Communities: The Digital Divide and Inequality

- van Dijk, J., & Hacker, K. (2003). The digital divide as a complex and dynamic phenomenon. *The Information Society*, 19(4), 315-326.
- Hindman, D. B. (2000). The rural-urban digital divide. *Journalism and Mass Communication Quarterly*, 77(3), 549-560.
- Hale, T. M., Cotton, S. R., Drentea, P., & Goldner, M. (2010). Rural-urban differences in general and health-related Internet use. *American Behavioral Scientist*, 53, 1304-1325.
- Ginossar, T. & Nelson, S. (2010). Reducing the health and digital divides: A model for using community-based participatory research approach to e-health interventions in low-income Hispanic communities. *Journal of Computer-Mediated Communication*, 15(4), 530-551.

Week 10 (Oct 28): Nonprofit and Social Movement Communities

- Nah, S. (2010). Media Publicity and Civil Society: Nonprofit Organizations, Local Newspapers, and the Internet in a Midwestern Community. *Mass Communication and Society*, 13, 3-29.

- Kropczynski, J. & Nah, S. (2011). Virtually Networked Housing Movement: Hyperlink Network Structure of Housing Social Movement Organizations. *New Media & Society*, 18(5), 689-703.
- Huey, T. A. (2005). Thinking Globally, Eating Locally: Website Linking and the Performance of Solidarity in Global and Local Food Movements. *Social Movement Studies*, 4(2), 123-137.
- Carty, V. (2011). Multi-issue, internet-mediated interest organizations and their implications for US politics: A case of MoveOn.org. *Social Movement Studies*, 10(3), 265-282.

Week 11 (Nov 4): Civic Engagement and Community Development

- Tambini, D. (1999). New media and democracy: The civic networking movement. *New Media & Society*, 1(3), 305-329.
- Bers, M. U. & Chau, C. (2006). Fostering civic engagement by building a virtual city. *Journal of Computer-Mediated Communication*, 11, 748-770.
- Gordon, E. & Manosevitch, E. (2010). Augmented deliberation: Merging physical and virtual interaction to engage communities in urban planning. *New Media & Society*, 13 (1), 75-95.
- Chen, N.-T. N., Dong, F., Ball-Rokeach, S. J., Parks, M., & Huang, J. (2012). Building a new media platform for local storytelling and civic engagement in ethnically-diverse neighborhoods. *New Media & Society*, 14(6), 931-950.
- Shen, C. & Cage, C. (2013). Exodus to the real world? Assessing the impact of offline meetups on community participation and social capital. *New Media & Society*. Online first. doi: 10.1177/1461444813504275

Week 12 (Nov 11): Citizen/Community Journalism and Communities

- St. John, B., Johnson, K., & Nah, S. (2014, April). Patch.com: The challenge of connective community journalism in the digital sphere. *Journalism Practice*, 8(2), 197-212.
- Nah, S., Yamamoto, M., Chung, D., & Zuercher, R. (2015). Modeling the Use of Citizen Journalism by Online Newspapers. *Journalism and Mass Communication Quarterly*, 92(2), 399-420.
- Williams, A., Harte, D., & Turner, J. (2014). The Value of UK Hyperlocal Community News. <http://dx.doi.org/10.1080/21670811.2014.965932>
- Wall, M. (2015). Citizen Journalism: A Retrospective on what we know, an agenda for what we don't. *Journalism Practice*. DOI:10.1080/21670811.2014.1002513

Week 13 (Nov 18): Ethnic, Transnational, and Global Communities

- Lin, W.-Y., Song, H., & Ball-Rokeach, S. (2010). Localizing the global: Exploring the transnational ties that bind in new immigrant communities. *Journal of Communication*, 60(2), 205-229.

- Funk, M. (2012). Imagined commodities? Analyzing local identity and place in American community newspaper website banners. *New Media & Society*, 15(4), 574-595.
- van den Bos, M. & Nell, L. (2006). Territorial bounds to virtual space: Transnational online and offline networks of Iranian and Turkish-Kurdish immigrants in the Netherlands. *Global Networks*, 6(2), 201-220.
- McCallum, K. & Papandrea, F. (2009). Community business: The Internet in Remote Australian Indigenous Communities. *New Media & Society*, 11(7). 1230-1251.

Week 14 (Nov 25): Thanksgiving!

THEME III: THEORIES AND PRACTICES

Week 15 (Dec 2): Virtual Presentation and Feedback 1

- Presentation and Feedback on Canvas

Week 16 (Dec 9): Virtual Presentation and Feedback 2

- Presentation and Feedback on Canvas

COURSE OUTLINE

Week	Topics	Note
1 (Aug 26-28)	Course Overview and Q & A	-Happy Semester!
2 (Aug 31-Sept 4)	Theoretical Foundations of ICTs & Communities	-Response Papers and Discussions Due by 1pm on Wednesdays
3 (Sept 7-11)	The Public Sphere and Communities	
4 (Sept 14-18)	Social Capital and Communities	
5 (Sept 21-25)	Communication Infrastructure and Communities	
6 (Sept 28-Oct 2)	Physical vs. Virtual Communities: Networked Communities	
7 (Oct 5-9)	Community Computer Networks & Community Technology Centers	-Prospectus DUE by 1pm on Oct 7 (Wed)
8 (Oct 12-16)	Imagined and Virtual Communities	
9 (Oct 19-23)	Rural vs. Urban Communities: The Digital Divide and Inequality	
10 (Oct 26-30)	Nonprofit and Social Movement Communities	
11 (Nov 2-6)	Civic Engagement and Community Development	
12 (Nov 9-13)	Citizen/Community Journalism and Community Building	
13 (Nov 16-20)	Ethnic, Transnational, and Global Communities	-Academic Holidays
14 (Nov 23-27)	Thanksgiving!	
15 (Nov 30-Dec 4)	Virtual Presentation and Feedback I	-Presentation Files DUE by 1pm on Dec 2 (Wednesday)
16 (Dec 7-11)	Virtual Presentation and Feedback II	-Term Paper DUE by 1pm on Dec 11 (Friday)