Week	Class	Theme	Readings	DUE
1	27-Aug	Overview & Introduction	• Syllabus & Schedule	
	29-Aug	Nature of Information Origins of the discipline	• St. Jean & Gorham, CH3 ø Defining Knowledge, Information, Data. (www.knowledge-management-tools.net/knowledge-information-data.html)	
2	3-Sep	Information behavior scenarios	• Case & Given, CH2 [via ELMS or digital reserve]	**Syllabus quiz**
	5-Sep	Fundamental concepts: needs, search, use, incognizance, avoidance	® St. Jean & Gorham, CH2	
3	10-Sep	Related concepts: access, seeking, assessment	® St. Jean & Gorham, CH4	
	12-Sep	Contemporary studies	® Horrigan, J. (2017, Sept. 11). How people approach facts and information. (http://www.pewinternet.org/2017/09/11/how-people-approach-facts-and-information/) • Horrigan, J. (2016, December). Information Overload. (http://www.pewinternet.org/2016/12/07/information-overload/) ø Levitin, D.J. (2015, January). Why the Modern World is Bad for Your Brain. (https://www.theguardian.com/science/2015/jan/18/modern-world-bad-for-brain-daniel-j-levitin-organized-mind-information-overload)	
4	17-Sep	Read, understand, critique IB scholarship	® St. Jean & Gorham, CH7 ø How to Read (and Understand) a Social Science Journal (www.icpsr.umich.edu/files/instructors/How_to_Read_a_Journal_Article.pdf) ø Reading a Research Article Quickly and Efficiently. (www.prchn.org/Downloads/Reading%20a%20Research%20Article%20Quickly%20and%20Efficiently.pdf) ø Raff, J. (2017, Dec.). How to Read and Understand a Scientific Paper: A Step-by-Step Guide for Non-Scientists. (www.huffingtonpost.com/jennifer-raff/how-to-read-and-understand-a-scientific-paper_b_5501628.html) ø How to (Seriously) Read a Scientific Paper (www.sciencemag.org/careers/2016/03/how-seriously-read-scientific-paper)	**Info behavior analysis**
	19-Sep	Example critique	® Head, A., & Eisenberg, M. (2011). How college students use the Web to conduct everyday life research. First Monday, 16(4). (firstmonday.org/article/view/3484/2857)	
5	24-Sep	Information literacy	® St. Jean & Gorham, CH5 ø 5 Components of Information Literacy. (prezi.com/s7xnb-bgrujk/5-components-of-information-literacy/) ø Weiner, S. A. (2011). Information literacy and the workforce: A review. Education Libraries. (eric.ed.gov/?id=EJ961219) ø Stanford History Education Group (2016). Evaluating Information: The Cornerstone of Civic Online Reasoning.(stacks.stanford.edu/file/druid:fv751yt5934/SHEG%20Evaluating%20Information%20Online.pdf)	
	26-Sep	Digital divide & digital inclusion	® St. Jean & Gorham, CH6 ø What is Digital Inclusion? (www.webjunction.org/explore-topics/digital-inclusion.html) ø Turner Lee, Nicole (2019) Closing the Digital and Economic Divides in Rural America -- a photo essay (www.brookings.edu/longform/closing-the-digital-and-economic-divides-in-rural-america/)	
6	1-Oct		Exam review	
	3-Oct		Exam #1	**Exam #1**

7	8-Oct	Research process & ethics	® St. Jean & Gorham, CH8 ø How to…Design a Research Study. (www.emeraldgrouppublishing.com/research/guides/management/study_design.htm) ø Ethics in Research. (www.socialresearchmethods.net/kb/ethics.php) ø Are Research Ethics Obsolete in the Era of Big Data? (www.forbes.com/sites/kalevleetaru/2016/06/17/are-research-ethics-obsolete-in-the-era-of-big-data/#45af7d167aa3)	
	10-Oct	Validity / Reliability, Sampling, Perspectives		
8	15-Oct	Research methods	Exam debrief	
	17-Oct	Assessing user needs	® St. Jean & Gorham, CH9	
9	22-Oct	Sample investigations	St. Jean & Gorham, CH10 (ONLINE CLASS DISCUSSION)	
	24-Oct	Models & theories	® St. Jean & Gorham, CH12	
10	29-Oct	Models & theories		**Research article analysis**
11	31-Oct	User experience	• Norman, Don. The Definition of User Experience: VIDEO (www.nngroup.com/articles/definition-user-experience/) • Esser, Priscilla. User Goals and How They Influence Information Decisions (www.interaction-design.org/literature/article/user-goals-and-how-they-influence-information-design-decisions) ø Morville, Peter. User Experience Design (semanticstudios.com/user_experience_design/) ø User Experience Basics (www.usability.gov/what-and-why/user-experience.html) ø U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy User Experience Research Templates and Examples (Surveys, Interviews, and Focus Groups) (www.energy.gov/eere/communicationstandards/user-experience-research-templates-and-examples)	
11	5-Nov	Usability & Participatory Design	® Lamb, K. et al. (2016). User experience in the newly refurbished CUED Library space: exploring the study needs and habits of library users through ethnographic and UX methods. (www.repository.cam.ac.uk/bitstre am/handle/1810/256152/Lamb_et_al-016-User_experience_in_the_newly_refurbished_CUED_Library_space-VoR.pdf?sequence=5) • Usability Evaluation Basics (www.usability.gov/what-and-why/usability-evaluation.html) • 10 Usability Heuristics VIDEO (www.youtube.com/watch?v=hWc0Fd2AS3s) • 10 Usability Heuristics for User Interface Design (www.nngroup.com/articles/ten-usability-heuristics/) ø Farrell, Susan. UX Research Cheat Sheet (www.nngroup.com/articles/ux-research-cheat-sheet/)	
	7-Nov		Exam review	
12	12-Nov		Exam #2	**Exam #2**
	14-Nov	Consumer Health Information & Youth Studies *Dr. Beth St. Jean*	® St. Jean, B., Taylor, N. G., Kodama, C., Subramaniam, M., & Casciotti, D. (2015). Impacts of the HackHealth after-school program: Motivating youth through personal relevance. Research paper presented at the ASIS&T 2015 Annual Meeting, St. Louis, MO, November 6-10, 2015. http://onlinelibrary.wiley.com/doi/pdf/10.1002/pra2.2015.145052010032 • Kodama, C., St. Jean, B., Subramaniam, M., & Taylor, N. G. (2017). "There's a creepy guy on the other end at Google!": Engaging middle school students in a drawing activity to elicit their mental models of Google. Information Retrieval Journal, 20(5), 403-432. http://link.springer.com/article/10.1007/s10791-017-9306-x	

13	19-Nov	Accessibility	® Jaeger, P. T. (2015). Disability, human rights, and social justice: The ongoing struggle for online accessibility and equality. First Monday, 20(9). (firstmonday.org/ojs/index.php/fm/article/view/6164/4898) ø Quesenbery, W. (2009, Feb. 16). Usable Accessibility: Making Web Sites Work Well for People with Disabilities. (www.uxmatters.com/mt/archives/2009/02/usable-accessibility-making-web-sites-work-well-for-people-with-disabilities.php) ø Fox, S. (2011). Americans living with disability and their technology profile. (www.pewinternet.org/2011/01/21/americans-living-with-disability-and-their- technology-profile/)	
	21-Nov	Specific populations	Exam debrief Student teams: pre-select one user group for informal presentation ®1 Anderson, M. & Perrin, A. (2018, Mar. 5). Some Americans don't use the internet. Who are they? (www.pewresearch.org/fact-tank/2018/03/05/some-americans-dont-use-the-internet-who-are-they/) ®2 Anderson, M. (2017, Mar. 22). Digital divide persists even as lower income Americans make gains in tech adoption (www.pewresearch.org/fact-tank/2017/03/22/digital-divide-persists-even-as-lower-income-americans-make-gains-in-tech-adoption/) ®3 Anderson, M., & Perrin, A. (2017, Apr. 7). Disabled Americans are less likely to use technology (www.pewresearch.org/fact-tank/2017/04/07/disabled-americans-are-less-likely-to-use-technology/) ®4 Perrin, A. (2017, May 19). Digital gap between rural and nonrural America persists (www.pewresearch.org/fact-tank/2017/05/19/digital-gap-between-rural-and-nonrural-america-persists/) ®5 Horrigan, J. B., & Gramlich, J. (2017, Nov. 29). Many Americans, especially blacks and Hispanics, are hungry for help as they sort through information (www.pewresearch.org/fact-tank/2017/11/29/many-americans-especially-blacks-and-hispanics-are-hungry-for-help-as-they-sort-through-information/)	
14	26-Nov	Specific populations	CE project identification (ONLINE DISCUSSION)	
	28-Nov	NO CLASS	THANKSGIVING BREAK	
15	3-Dec	Voting-related information behavior	® Moeller, J., de Vreese, C., Esser, F., & Kunz, R. (2014). Pathway to political participation: The influence of online and offline news media on internal efficacy and turnout of first-time voters. American Behavioral Scientist, 58(5), 689-700 [ELMS] • Why are Millions of Citizens Not Registered to Vote? (www.pewtrusts.org/en/research-and-analysis/issue-briefs/2017/06/why-are-millions-of-citizens-not-registered-to-vote)	
	5-Dec	Course wrap-up	Future of search engine design	
*	14-Dec		Submit online via ELMS. Due by end of university schedule examination time 12:30pm.	Civic Engagement Project

® = REC report, • = required, ø = optional

* This is our working course schedule, any changes will be announced in advance in class, on ELMS, and via e-mail.