

Schedule will change: Check assignment dates weekly		UNC-CH SILS 520 Section 1 Spring 2015
Topic	Reading and Assignment Date	Reading(s)
I. INFORMATION AND REPRESENTATION	Wed Jan 7	
Introduction	Wed Jan 7	
Information and Entropies	Mon Jan 12	Read before class: Losee <i>Information From Processes</i>, Springer, 2012. Chapter 1
Perception, Language and Information	Wed Jan 21	Read before class: Losee <i>Information From Processes</i>, Springer, 2012. Chapter 5
Representation	Mon Jan 26	Read before class: Losee <i>Information From Processes</i>, Springer, 2012. Chapter 3.1-3.2
Computer Representation Systems	Wed Jan 28	
Collection Development	Wed Feb 4	
II. STRUCTURED and SEMI-STRUCTURED INFO	Mon Feb 9	
Relational DB	Mon Feb 9	

	Wed Feb 11	Critique of: Dow, Kevin E; Hackbarth, Gary; Wong, Jeffrey "Data Architectures for an Organizational Memory Information System" Journal of the American Society for Information Science and Technology (2013) pp. 1345-1356.
Relational Systems (cont).	Wed Feb 11	
III. UNSTRUCTURED INFO	Mon Feb 16	
Similarity and Ordering of Unstructured Information	Mon Feb 16	
	Mon Mar 16	Critique of Losee "The Effect of Assigning a Metadata or Indexing Term on Document Ordering" JASIST (2013) pp. 2191-2200.
Clustering	Wed Mar 4	
Measuring Indexing & Retrieval Performance	Mon Mar 16	
Popularity and Graphs	Mon Mar 23	
Social Networks	Wed Mar 25	
	Wed Mar 25	Critique of: Wallace, Matthew L; Larivière, Vincent; Gingras, Yves "A Small World of Citations? The Influence of Collaboration Networks on Citation Practices", Public Library of Science (2012).
III.1. ORGANIZING UNSTRUCTURED INFORMATION	Wed Mar 25	
Precoordinate vs post-coordinate systems	Mon Mar 30	
Dewey and LC	Mon Mar 30	Read before class: Fricke, Logic and the Organization of Information, Springer, 2012. Chapters 2-3, 5

	Mon Apr 6	Critique of: Ma, Zongyang 1 ; Sun, Aixin; Cong, Gao, "On Predicting the Popularity of Newly Emerging Hashtags in Twitter", JASIST (2013) pp. 1399-1410.
Colon (Ranganathan) and Precis	Mon Apr 6	Read before class: Fricke, Logic and the Organization of Information, Springer, 2012. Chapters 6, 7
NLP	Mon Apr 6	
Term Dependence	Wed Apr 8	
Controlled Vocabulary, Thesaurus & Hierarchy, SKOS	Mon Apr 13	
	Wed Apr 15	Critique of Blair, Wang, Nestorov, Evans, Rzhetsky "Quantifying the Impact and Extent of Undocumented Biomedical Synonymy" in Public Library of Science: Computational Biology (2014)
	Wed Apr 15	OR (one but not both)
	Wed Apr 15	Critique of: Willis, Craig and Losee, Robert "A random walk on an ontology: Using thesaurus structure for automatic subject indexing" Journal of the American Society for Information Science and Technology (2013) pp. 1330-1344.
	Mon Apr 20	Critique of: Arash Joorabchi, Abdulhussain E. Mahdi, (2013) "Classification of scientific publications according to library controlled vocabularies: A new concept matching-based approach", Library Hi Tech, Vol. 31 Iss: 4, pp.725 - 747
RDA & MARC	Mon Apr 13	
III.2. OTHER ISSUES	Wed Apr 15	

Organizing for Browsing & Gray Codes	Wed Apr 15	
	Mon Apr 20	
Uncontrolled Vocabularies and Folksonomies	Mon Apr 20	
	Wed Apr 22 Last Class	Critique of: Bates, Jo; Rowley, Jennifer "Social reproduction and exclusion in subject indexing: A comparison of public library OPACs and LibraryThing folksonomy", J. of Documentation (2011) pp 431-448.
MetaInformation and MetaKnowledge	Wed Apr 22 Last Class	