Earth and Planetary Sciences Freshman Seminar 102 Lake Michigan and the Chicago River http://www.earth.northwestern.edu/people/seth/102

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Week	Sunday	Tuesday	Thursday
1		9/22 Intro (subject)	9/24 Intro (writing)
		Personal essay (2 pages)	
2	9/27 Lake paddle	9/29 Water Pressures film	10/1 Your community
	11:00		(2 pages)
3	10/3 backup date	10/6 Library tour	10/8 1 Hot, Flat & Crowded
			Hot, Flat& Crowded (2 pages)
4	10/11 Chicago	10/13 French explorers	10/15 Tour waterworks
	River paddle	Indians & Americans	
5	11/17 (Sat)	10/20 No class	10/22 I&M Canal/Fire
	backup date		S&S Canal
6	10/25 Illinois	10/27 10/13 Burnham plan	10/29 Ice ages
	Beach State Park	MRWD/Deep Tunnel	Formation of Great Lakes
		Final community due	Revised HFC due
7	11/2 backup date	11/3 Great Lakes today -	11/5 No class
		climate and weather; biology	
8		11/10 Using GL through	11/12 Field Trip
		time: fishing, shipping, etc	Assessment (2 pages)
		Present Environmental	
		Issues	
		Final HFC due	
9		11/17 Chicago economy:	11/19 Chicago architecture
		past & present	Chicago politics & crooks
10		11/24 Chicago in Literature	
		& Film	
		Final FTA due	
11		12/7 Research paper (8	
		pages plus figures)	
		EXTRA EVENTS	
	Fri 10/9 Tom	Wed 10/14 Water	10/22 Environmental threats to
	Friedman 10:30	Pressures party Evans	GL 12:30-2 (EPC)
		Center 5:00-7:00 PM	

T/Th 2-3:30 Locy 301

Bold: paper due

Organizational matters

Grading policy: short papers 10% each, research paper 60%

Paper grades: 50% content, 50% writing (content, concise, correct usage & grammar)

On matters of opinion, there's no right answer, so the logic of your argument is the key

Please don't use computers or other portable electronic devices in class

Short Paper Topics

Format: 2 copies: 2 pages, 12 pt, double-spaced

1. Personal essay: your background, interests, and some experiences that shaped you

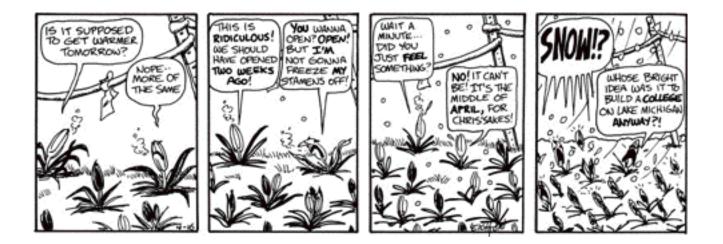
2. Your home community: location in natural terms, history, population, and economy

- 3. Your response to *Hot, Flat, and Crowded*:
 - Which (if any) of the effects discussed have impacted you to date and how?

- Which (if any) of the effects discussed do you think is likely to impact you in the future: why and how?

- How (if at all) are you thinking of responding personally and professionally, and why?

4. Field trip assessment: How did you respond to any of the four field trips? What did you get out of it? Was it worthwhile?



Research Paper Topics

- 1. The French Explorers
- 2. Indians & Americans, Black Hawk War to 1833
- 3. Illinois + Michigan Canal and the Chicago Fire: city till 1880
- 4. Ship and Sanitary Canal
- 5. Burnham Plan and the 1893 World's Fair
- 6. Metropolitan Water Reclamation District and the Deep Tunnel
- 7. Ice Ages

8. Formation and Evolution of Great Lakes: Lake Michigan and the Chicago River

- 9. Great Lakes Today: Hydrology, Climate and Weather
- 10. Biology of the Great Lakes Region
- 11. Using the Lakes Through Time: Shipping, Fishing etc.
- 12. Past & Present Environmental Issues

13. Chicago Area's Economic Growth: Stockyards, Railroads, Manufacturing, etc.

- 14. Chicago Area's Economy and Population Today
- 15. Chicago Architecture
- 16. Chicago Politics & Criminals
- 17. Chicago Area (specially Lake & River) in Literature and Film

Format: 20 minute class presentation, class feedback Written draft (8 pages, 12-pt, double spaced, plus any figures) due one week after presentation At least four non-web references Final versions due December 7