

Week	Date	Topic	D&L Chapt.	Activity
1	Tues 8/22/00 Thu 8/24/00	Introduction: Why Water? National and Global Water Issues		
2	Tues 8/29/00 Thu 8/31/00	Water and Society Water Resource Information	1	<i>INTERNET due</i> 1 INTERNET
3	Tues 9/5/00 Thu 9/7/00	Precipitation Interception, Infiltration and Storage	2 3,6	<i>ORGANIZATIONS due</i> 2 ORGANIZATIONS
4	Tues 9/12/00 Thu 9/14/00	Evaporation & Evapotranspiration Groundwater and Snow	4,5 7,13	
5	Tues 9/19/00 Thu 9/21/00	The Water Balance Variability & Change; Water Research	8	<i>JOURNALS due</i> 3 JOURNALS
6	Tues 9/26/00 Thu 9/28/00	Runoff The River and Floodplain	9	<i>AGENCIES due</i> 4 AGENCIES
7	Tues 10/3/00 Thu 10/5/00	Water in the Western USA 1 Water in the Western USA 2		
8	Tues 10/10/00 Thu 10/12/00	(FALL BREAK) Floods and Flood Hazards	10	<i>FLOODS due</i>
9	Tues 10/17/00 Thu 10/19/00	Flood Risk to Society Economics in Flood Planning	11	5 FLOODS
10	Tues 10/24/00 Thu 10/26/00	Flood Case Studies Drainage Basins & Channel Processes	14,16	<i>BOOK due</i>
11	Tues 10/31/00 Thu 11/2/00	Water Literature Channels, Sediments	17,18	6 BOOK
12	Tues 11/7/00 Thu 11/9/00	Water Supply and Use River Basin Planning	12	<i>RIVER BASIN due</i> 7 RIVER BASIN
13	Tues 11/14/00 Thu 11/16/00	(Water Administration Visits) Water Administration/Water Quality	19	8 WATER ADMINISTRATION
	Tues 11/21/00 Thu 11/23/00	Water Quality THANKSGIVING HOLIDAY	20, 21	
14	Tues 11/28/00 Thu 11/30/00	Water planning and esthetics How do we study water resources?	22	<i>RESEARCH TOOLS due</i> 9 RESEARCH TOOLS
15	Tues 12/5/00 Thu 12/7/00	Simulation of water issue(s) Water and society: revisited		10 SIMULATION

GRADING: Each activity has maximum of 8 points (see back!). There are no examinations. Attendance at all class meetings is required (-2 points for every unexcused absence!). D&L: Dunne & Leopold, *Water in Environmental Planning* (required text); also several USGS publications distributed FREE!

Course philosophy. Geography 410 is designed to help geographers, earth scientists and other professionals to develop an awareness and appreciation of the multiple perspectives that can be brought to studies of water as a social resource and of the ways in which resource-management decisions are made in human society. The strategy of the course is based on collaborative learning, in which the professor and students share responsibility for the learning process. As part of this philosophy, learning consists not only of information flow from professor to student, but also from student to student and student to professor! We will all take advantage of the collective skills, insights, and efforts of each other. No more paper for the professor's eyes only in the last week of class!! But this approach requires an unusual commitment from each student -- a commitment not just to the prof but also to each other. That's why attendance and participation is assumed and imperative.

Course requirements. There is one required textbook, and you will be selecting and reading one more book of your own choice (see below). There will be lecture outlines and handouts, plus we will distribute copies of each other's work to everyone, building a living course manual in the process. **Other requirements:** (1) You must be familiar with and use a word processor; (2) you must know or be willing to learn how to access computer-based information systems (LIAS, Uncover, World Wide Web; and (3) you must be willing to meet strict deadlines to facilitate sharing of our work. This means that unless otherwise announced, your assignments are due at class time so that we can make copy packets ready for distribution for the next class. Just as in a job in the real world of water resources decision-making, the "boss" expects your work to be thorough, according to guidelines, and on time. Period. Here's a brief preview of the 12 obligations that make up your commitment to the course:

1	INTERNET	Explore the World Wide Web for sites dealing with water issues, science, and management	N
2	ORGANIZATIONS	Learn about the mission and accomplishments of a major non-governmental organization that is concerned with water	S
3	JOURNALS	Review the purpose and contents of scientific, technical, and popular journals dealing with water	S
4	AGENCIES	Examine the role of a specific state, national or international agency that deals with water issues	S
5	FLOODS	Use the internet and other resources to investigate floods	S
6	BOOK	Read and comment on a book related to water and water resources	S
7	RIVER BASIN	Investigate one river basin in the US based on USGS data	S
8	WATER ADMIN.	Investigate water administration at the state and local level	
9	TOOLS	Report on a case study of the use of a basic geographic research technique applied to a water resource problem	S
10	SIMULATION	Participate in a water resource decision simulation	N
11	CHAPTER REVIEWS	You will summarize and present two text chapters to the class	(2@10=20 pts)
(12)	ATTENDANCE	(-2 points per class missed without valid excuse!)	

Note: S = sign-up for specific element; N = no sign-up required.

GRADING SCALE :

- 91 up=A
- 88-90=A-
- 86-87=B+
- 81-85=B
- 78-80=B-
- 76-77=C+
- 70-75=C
- etc.

Each assignment (1-10) will have 8 points associated with it. An "average" grade for an assignment completed according to instructions, on time, and shared in class discussions will be 6; higher grades will be assigned based on quality beyond the basic requirements. Assignments with a due date will be distributed to the whole class. Assignments without an earlier due date will be discussed in class and handed in. The text chapter presentations will count an additional **10 points each** .