WATER ISSUES: PHILOSOPHICAL, CULTURAL AND SCIENTIFIC ASPECTS, SPRING 2005

PHIL 5960.002, BIOLOGY 5900, Three (3) Credit Hours.
Library Philosophy Dept, EESAT 225A, W 6.00-8.50

Professors: Dr. Irene J. Klaver, UNT, Philosophy (565-3331); klaver@unt.edu
Dr. Thomas W. La Point, Biological Sciences (369-7776); lapoint@unt.edu
Office Hours: by appointment.

COURSE TEXTS:

HANDOUTS

VIDEOS:
Cadillac Desert Series. Four PBS videos. (NB program 4: Sandra Postel (55 min) (Chilton Media Library MV 4247 V. 4)

GRADING:
Grades will be determined by a combination of the following components.

I. (20%)  
1. Participation in discussions on the required readings.
2. One literature presentation. This includes writing a 1-2 page summary to be
distributed to the class and leading the discussion of that session. Don’t read the
summary but present 2 or 3 topics for discussion.

II. (20%)
1. Student should collect newspaper and/or journal articles about water issues on a
regular basis. Follow leading newspapers, such as the New York Times, Washington
Post, Dallas Morning News, magazines for Water-news, websites from alternative press.
2. Gather advertisements about water in whatever form!
3. Participation in WaterWays 2005 events.

III. (60%) Course paper or "project,” content and format of which must be
agreed on by student and professors by the end of Spring Break (in Week IX, March 23,
2003). Collaboration is encouraged, especially between students of different disciplines.

READING SCHEDULE

WEEK I: WEDNESDAY, JAN 19:
Introduction and Overview of Course;
Cadillac Desert Video I, “Mulholland's Dream”

WEEK II: WED, JAN 26:
1. Hydrology and Watersheds Handout: Excerpts from: Luna B. Leopold, Water,
   Rivers and Creeks (University Science Books, 1997)

WEEK III: WED, FEB 2:
1. Streams, Rivers & Reservoirs I: Watersheds and their Drainages; Theories of
   Community CompositionHandout: Excerpts from: Paul S. Giller and Bjorn Malmqvist,
   The Biology of Streams and Rivers (Oxford University Press, 1998)
2. Postel and Richter, Rivers for Life, Chs 1-2, pp. 1-79.

WEEK IV: WED, FEB 9:
1. Streams, Rivers & Reservoirs II: Linkages Between Land and Water

WEEK V: WED, FEB 16:
1. Postel and Richter, Rivers for Life, Chs. 3-4, pp. 79-167.

WEEK VI: WED, FEB 23:

WEEK VII: WED, MARCH 3:
1. Postel and Richter, Rivers for Life, Chs 5-6, pp. 167-205
WEEK VIII: WED, MARCH 10:

WED, MARCH 17: SPRING BREAK: NO CLASS

WEEK IX:
PICKENS-POSTEL-POTTS PANEL. UNT LYCEUM 7-9 PM

WED, MARCH 23:
Blatter and Ingram, *Reflections on Water*, Part I, Chs.1-2, pp. 3-57
PAPER TOPICS DECIDED

WEEK X: WED, MARCH 30:
1. Blatter and Ingram, *Reflections on Water*, Ch.3 & Ch. 7, pp. 57-89 & 189-213

WEEK XI: WED, APRIL 6:
2. de Villiers, *Water*, Chs. 4-5, pp. 67-105

WEEK XII: WED, APRIL 13:

WEEK XIII: WED, APRIL 20:
1. Blatter and Ingram, *Reflections on Water*, Ch. 12, pp. 321-341
2. de Villiers, *Water*, Ch. 11, 12, 14 pp. 185-216, 231-263
THU-SA, APRIL 21-23: WATERWAYS 2005
SA: PRESENTATION HERBERT DREISEITL

WEEK XIV: WED, APRIL 27:
de Villiers, *Water*, Ch16, pp. 275-317

WEEK XV: WED, MAY 4: Dead week; Regular Class; No new reading.
PAPER DUE

WEEK XVI: WED, MAY 11: Official Exam Time; DISCUSSION PAPERS