

Professor Kate Berry
Phone: 784-1865
Email: kberry@unr.edu

University of Nevada, Reno
Summer Semester 2009

GEOGRAPHY 438/638 WESTERN WATER RESOURCES & MANAGEMENT

Course Description

This course provides an overview of the water resources issues facing the public, resource managers, and water users in the western United States today, including both water distribution/allocation and water quality issues. This course objective is to provide an overview of the terminology, concepts, and regulatory environment that provide the foundation for modern water quality and resource management in the western U.S. Additionally, each student will be challenged to critique various sources of information and to reformulate their perspectives on water quality and resources issues.

Schedule

This course will meet from 9am to 11am on Tuesday, Thursday and Friday and 8am to 6pm on Wednesday. Our classroom is in Mackay Science Room 227. I encourage you to visit about any aspect of the course by emailing or making an appointment. My office is located in Mackay Science room 201 (Geography Department office).

Course Requirements

Grading for this course will utilize the University's grading policy which allows for letter grades with the possibility of a plus or a minus (eg., it is possible to get a C+ or an A-). Your grade for this course will be based on the following items:

300 points	Class attendance and participation
700 points	Assignments

1,000 points TOTAL¹

Class Attendance and Participation

You are expected to attend each scheduled class period. If for some reason, you are unable to attend a class period you may want to contact a classmate to get notes for the missed class but remember, it is more difficult to absorb material from another person's notes than it is to understand materials presented while you are in class. If you miss a class, contact me to let me know about your situation. Each missed class will count against your attendance score and will obviously effect your participation as well.

¹ Graduate students in this course will also be responsible for one other project which will be developed individually in conjunction with me. This project will be worth an additional 250 points.

I expect active involvement by students throughout this course. Feedback and discussion are important to understand and assimilate the materials presented in this course. Do not hesitate to ask questions or contribute comments on the readings, lectures or assignments at the appropriate time. I may question you about the readings, previous lectures and discussions to insure that these materials are absorbed.

Readings

All assigned weekly readings should be completed **before the class assigned**. There is no required textbook as all assigned readings are available on the course WebCampus.

Assignments

There will be five graded assignments. Detailed instructions will be provided for each assignment.

Other Information

If you have a disability and will be requiring special assistance, please contact me or the Disability Resource Center (Thompson Building Ste. 101) as soon as possible to arrange for appropriate accommodations.

Course Schedule

Date	Topic	Readings	Things to Remember
Tue May 19	Basics of infrastructure & streamflow	-----	Assign. 1 & 2 distributed
Wed May 20	Field trip #1	McLaughlin 2009	Be there at 8am sharp!
Thur May 21	Water allocation law	Wolfe 1996	
Fri May 22	Changing era of dams	Harvey 2001 Jenkins 2009	Assignment #3 distributed
Tue May 26	Water supply management	W. Res Adv 2001a&b	Assignment #4 distributed
Wed May 27	Field trip #2	Berry 1999 Jehl 2003	Be there at 8am sharp! Assignment #3 due
Thur May 28	Water demand management	Reclamation 2003 Marcus 2009	
Fri May 29	Water quality issues	Nat Acad Sciences	Assignment #4 due Assignment #5 distributed
Tue June 2	Tribal water governance	Getches 2005 McCool 2001	Assignment #1 due
Wed June 3	Field trip #3	Leshy 2009	Be there at 8am sharp!
Thur June 4	Privatization & participation	Draper 2008 DeFreese 2008	
Fri June 5	Future directions	WWPRA Com. 1998	Assignments #2 & 5 due