

# AREC 342

## Water Law, Policies and Institutions

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**Class Times:** T, Th 8 am – 9:15 am      **Office Hours:** 9:30 – 11:30 am Tuesdays  
Clark A206

### STUDENT LEARNING OUTCOMES:

The Department of Agricultural and Resource Economics has identified learning outcomes that each successful graduate will exhibit. AREC 342 contributes to the following learning outcomes.

**Professional Development:** Graduates will embody a general awareness of issues in agricultural and natural resource management and their implications in a larger societal context. Students will begin to develop a network of personal and professional connections which will foster an understanding of the culture surrounding professional expectations and conduct.

**Technical Competence:** Graduates will demonstrate technical competency including the ability to appropriately use economic theory in formulating analytical problems, identifying and gathering appropriate data, and employing appropriate economic methods to analyze those problems, utilizing appropriate available computer technology.

**Problem-solving Skills:** Graduates will demonstrate the ability to solve real-world problems beyond the context of the classroom. Students will be able to identify a problem and its scope, evaluate resources available to address the problem, formulate alternative solutions, and select the solution(s) most consistent with a stated objective.

**Communication Skills:** Graduates will demonstrate proficiency in oral and written communication in terms of substance, organization, mechanics, documentation, and synthesis. Proficient students will have the ability to clearly communicate findings, critically and analytically, at a professional level within their chosen career.

### COURSE OVERVIEW:

The purpose of this course is to provide students with an introduction to the laws and policies governing the allocation of water throughout the United States; with particular attention being paid to the southwestern United States. Comparisons to alternate systems utilized internationally will be presented when relevant. Students will also be provided an overview of the institutions and parties that influence the allocation, administration, and development of policies (state and federal agencies, conservancy districts, utilities, etc.)

### COURSE OBJECTIVES:

Students will develop an in-depth understanding of the following:

- Surface water allocation law and water institutions at the federal, state and local levels
- The fundamentals of groundwater law and management
- Water quality law and its interaction with allocation law
- Interstate and international agreements
- Water policy design

### **Academic Integrity:**

Academic misconduct (see examples below) undermines the educational experience at Colorado State University, lowers morale by engendering a skeptical attitude about the quality of education, and negatively affects the relationship between students and faculty/instructors.

Faculty/Instructors are expected to use reasonably practical means of preventing and detecting academic misconduct. Any student found responsible for having engaged in academic misconduct will be subject to academic penalty and/or University disciplinary action.

Students are encouraged to positively impact the academic integrity culture of CSU by reporting incidents of academic misconduct.

Examples of academic misconduct include (but are not limited to):

1. Cheating – Cheating includes using unauthorized sources of information and providing or receiving unauthorized assistance on any form of academic work or engaging in any behavior specifically prohibited by the instructor in the course syllabus or class presentation.
2. Plagiarism – Plagiarism includes the copying of language, structure, images, ideas, or thoughts of another, and representing them as one’s own without proper acknowledgment, and is related only to work submitted for credit. Also included is the failure to cite sources properly; sources must always be appropriately referenced, whether the source is printed, electronic or spoken.
3. Unauthorized Possession or Disposition of Academic Materials – Unauthorized possession or disposition of academic materials includes the unauthorized selling or purchasing of examinations, term papers, or other academic work; stealing another student’s work; and using information from or possessing exams that an instructor did not authorize for release to students.
4. Falsification – Falsification encompasses any untruth, either verbal or written, in one’s academic work.
5. Facilitation of any act of Academic Misconduct – Facilitation of any act of academic misconduct includes knowingly assisting another to commit an act of misconduct.

### **GRADING:**

**Homework/In-class assignments:** There will be several homework sets throughout the course. Not all class assignments will not be for points, but will be directly linked to the material that you will see on exams and quizzes. In total homework and in class assignments will be worth 25 points.

**Quizzes:** There will be a quiz on the second Thursday of each month. (Feb 13<sup>th</sup>, Mar 12<sup>th</sup>, Apr 9<sup>th</sup>). You will take the quiz online through canvas. There will be NO class on these days. Instead I will hold extra office hours (12- 2 pm) to answer any questions you have on the material. You may take the quiz anytime before 11 pm on the day of the quiz. Each quiz is worth 25 points

**Exams:** There will be 2 exams (midterm and final) in the class each worth 100 points.

**Final Project:** you will have a final project due at the end of the course worth 100 points. More details on the final project will come as the course progresses.

**Grade Scale:**            **A:** 90-100%,   **B:** 80-89%,   **C:** 70-79%,   **D:** 60-69%,   **F:** <60%

(The instructor reserves the right to given pluses and minuses, but it will always favor the student. The total number of points in this course may differ from the 400 points listed below dependent on the number of homework assignments and quizzes that are given)

	<u>Total Points Possible</u>
Exams	200
Homework	25
Final Project	100
Quizzes	75
<b>Total Points</b>	<b>400</b>

## **Additional Important Information for AREC 310:**

### **Attendance Policy:**

Although attendance is not mandatory, it is highly recommended that you attend class. In the event you will be absent from class, please inform me of this in person prior to your absence. To receive credit for any missed assignments.

### **Cell Phones & Other Electronic Devices:**

Cell phones, pagers, blackberries, PDA's, etc. must be turned to silent or vibrate mode during class. No texting, emailing, surfing the internet, etc. will be allowed during class.

### **Accommodations:**

If you are a student who will need accommodations in this class due to a disability or chronic health condition, please make an appointment with me to discuss your individual needs early in the semester. Any accommodation must be discussed in a timely manner prior to implementation. A verifying accommodation letter from Resources for Disabled Students is required before any accommodation is provided. Student Disability Center <https://disabilitycenter.colostate.edu/> located in TILT, room 121 or via phone 970-491-6385.

**Principles of Community:** The Principles of Community support the Colorado State University mission and vision of access, research, teaching, service and engagement. A collaborative, and vibrant community is a foundation for learning, critical inquiry, and discovery. Therefore, each member of the CSU community has a responsibility to uphold these principles when engaging with one another and acting on behalf of the University.

- **Inclusion:** We create and nurture inclusive environments and welcome, value and affirm all members of our community, including their various identities, skills, ideas, talents, and contributions.
- **Integrity:** We are accountable for our actions and will act ethically and honestly in all our interactions.
- **Respect:** We honor the inherent dignity of all people within an environment where we are committed to freedom of expression, critical discourse, and the advancement of knowledge.
- **Service:** We are responsible, individually and collectively, to give of our time, talents, and resources to promote the well-being of each other and the development of our local, regional, and global communities.
- **Social Justice:** We have the right to be treated and the responsibility to treat others with fairness and equity, the duty to challenge prejudice, and to uphold the laws, policies and procedures that promote justice in all respects.

**Mental Health statement:** CSU is a community that cares for you. If you are struggling with drugs or alcohol and/or experiencing depression, anxiety, overwhelming stress or thoughts of hurting yourself or others please know there is help available. Counseling Services has trained professionals who can help. Contact 970.491.6053 or go to <http://health.colostate.edu>. If you are concerned about a friend or peer, tell someone at by calling 970.491.1350 to discuss your concerns with a professional who can discreetly connect the distressed individual with the proper resources (<http://supportandsafety.colostate.edu/tellsomeone>). Rams take care of Rams. Reach out and ask for help if you or someone you know is having a difficult time.

**Sexual Assault and Violence Elimination:** CSU's Student Sexual Harassment and Violence policy, following national guidance from the Office of Civil Rights, requires that professors follow CSU policy as a "mandatory reporter" of any personal disclosure of sexual harassment, abuse, and/or violence related experiences or incidents shared with the professor in person, via email, and/or in classroom papers or homework exercises. These disclosures include but are not limited to reports of personal

relational abuse, relational/domestic violence, and stalking. While professors are often able to help students locate appropriate channels of assistance on campus (e.g., see the CSU Health Network link below), disclosure by the student to the professor requires that the professor inform appropriate CSU channels to help ensure that the student's safety and welfare is being addressed, even if the student requests that the disclosure not be shared. For counseling support and assistance, please see The CSU HEALTH NETWORK, which includes a variety of counseling services that can be accessed at: <http://www.health.colostate.edu/>. And, The Sexual Assault Victim Assistance Team is a confidential resource for students that does not have a reporting requirement and that can be of great help to students who have experienced sexual assault. The web address is <http://www.wgac.colostate.edu/need-help-support>.

**Tentative Course Outline AREC 342**

**Course Outline.**

	Tuesday	Thursday
Week 1 (1/21 and 1/23)		
Week 2 (1/28 and 1/30)	Assignment 1: Due on Canvas	
Week 3 (1/30 and 2/1)		
Week 4 (2/4 and 2/6)	Assignment 2: Due on Canvas	
Week 5 (2/11 and 2/13)		Quiz 1 – on canvas, no class EXTRA office hours: 12 – 2 pm
Week 6 (2/18 and 2/20)		
Week 7 (2/25 and 2/27)	Review Session	Midterm Exam
Week 8 (3/3 and 3/5)		
Week 9 (3/10 and 3/12)		Quiz 2 – on canvas, no class EXTRA office hours: 12 – 2 pm
Spring Break (3/17 and 3/19)	---	---
Week 10 (3/24 and 3/26)		Assignment 3 Due in Canvas
Week 11 (3/31 and 4/2)		
Week 12 (4/7 and 4/9)	Assignment 4 Due in Canvas	Quiz 3 – on canvas, no class EXTRA office hours: 12 – 2 pm
Week 13 (4/14 and 4/16)		
Week 14 (4/21 and 4/23)	Assignment 5 Due in Canvas	
Week 15 (4/28 and 4/30)		Final Project due
Week 16 (5/5 and 5/7)		Review Session
Finals Week	Wednesday May 13 <sup>th</sup> 2 – 4 pm	