

CVEG 5703 - Environmental Regulations and Permits (3 credit hours)

Credit Hours: 3
Instructor: Rodney D. Williams, PS, PE, PhD
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The course is administered through Blackboard. It is an online asynchronous course consisting of pre-recorded lectures. The time spent on each topic is specified in Table 1.

Course Description:

The purpose of this course is to introduce students to selected environmental regulations, Federal and State Agencies and to present an overview of the Permitting Process. The course primarily addresses NPDES wastewater and storm water rules and requirements but will also touch on Air Quality, Environmental Impact and impact statements as well as OSHA regulations. This course covers compliance and how you attain compliance.

Textbook / Required material:

None required. Special materials for class will be made available as necessary.

Student Learning Objectives:

By the end of this course, students will be able to:

- Define and explain regulatory compliance in your own words. This will entail identifying and learning the meaning and application of some legal terminology.
- Explain the Federal and State Agencies and know what agencies you are likely to deal with in a particular situation.
- Navigate State and Federal Agency resources and locate the necessary forms and instructions to begin the permitting process in a particular area.
- Navigate the Federal Register and explain regulatory compliance.
- Interpret the Permitting Process, interagency relationships and the interactions you must participate in as a part of the process.

Grading policy:

The grading in this course will be distributed as follows.

- Homework and Projects: 30%
- Exam 1 - Midterm: 40%
- Exam 2 - Final Exam: 30%

Final Exam: The final exam will be COMPREHENSIVE but is open resource.

The letter grades will be computed according to the following scale,

A > 90%, B 80 - 89%, C 70 - 79%, F < 70%

Make-up Policy: Absolutely no make-ups will be allowed.

Table 1. Course Topics and associated times

Week	Topic(s)	Estimated Time Spent
1	Introduction, Compliance and Regulatory Mechanisms, The Federal Agencies	2.3 hours
2	The Acts and Amendments I – V EPA Watershed Academy Certification (Note this certification project requires completion of 15 Modules averaging 1 hour per module and is to be completed by the end of week 6)	2.5 hours 15 hours
3	The Acts and Amendments V - IX	3.17 hours
4	NPDES for Industry NPDES for Construction Complete Exam I Part I	2.33 hours 1.0 hours 1.5hours
5	Environmental Impact and Environmental Site Assessment Complete Exam I Part II	2.5hours 2.0 hours
6	Drinking Water & Onsite Wastewater (ADH & ADEQ) Complete Watershed Certification Program and supply certificate	1.4 hours See Description in Week 2
7	City and County Ordinances	1 hour
8	Environmental Professionals Final Exercise	1 hour 2 hours

Academic Dishonesty Policy:

As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail. Each University of Arkansas student is required to be familiar with and abide by the University's 'Academic Integrity Policy' at honesty.uark.edu. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.

Academic Support:

University of Arkansas Academic Policy Series 1520.10 requires that students with disabilities are provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact me privately at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Center for Educational Access (contact 479-575-3104 or visit <http://cea.uark.edu> for more information on registration procedures).

Prepared by: Rod Williams Date: 08/03/2023